UD COMPONENT SYSTEM/COMPACT HI-FI SYSTEM

RXD-F2/L

SERVICE MANUAL

(UD-203/333 main unit)

KENWOOD

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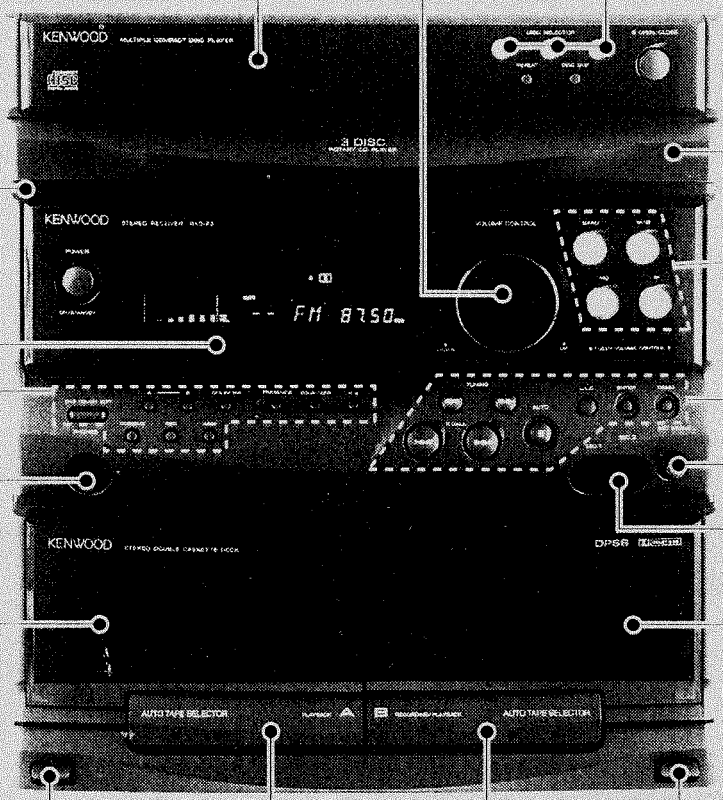
B51-5090-00 (K) 4180



***Refer to parts list on page 51.**

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD-Corp. certifies this equipment conforms to DHHS Regulations No. 21 CFR 1040. 10, Chapter 1, Subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.

PRECAUTIONS FOR REPAIR

- This model is made in China with Huizhou made (H) and Shanghai made (V)
  [The distinction method of the remark in the part list]
  H : Huizhou made (Rear panel : Metallic version) V : Shanghai made (Rear panel : Black version)
- For the operation of the CD and the cassette (A or B deck) mechanism,see Service Manual(B51-4869-00) of RXD-C3/C3L.
- For the circuit description, see Service Manual(B51-5091-00) of RXD-F3/F4/F41/F42.

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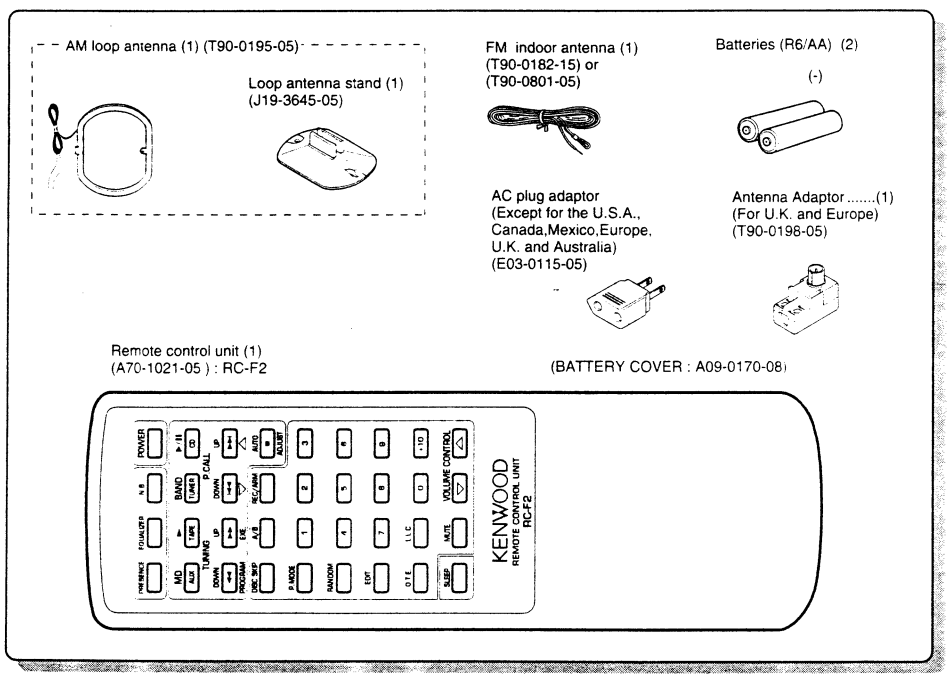
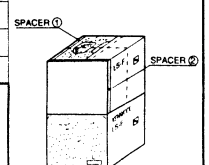
Accessories

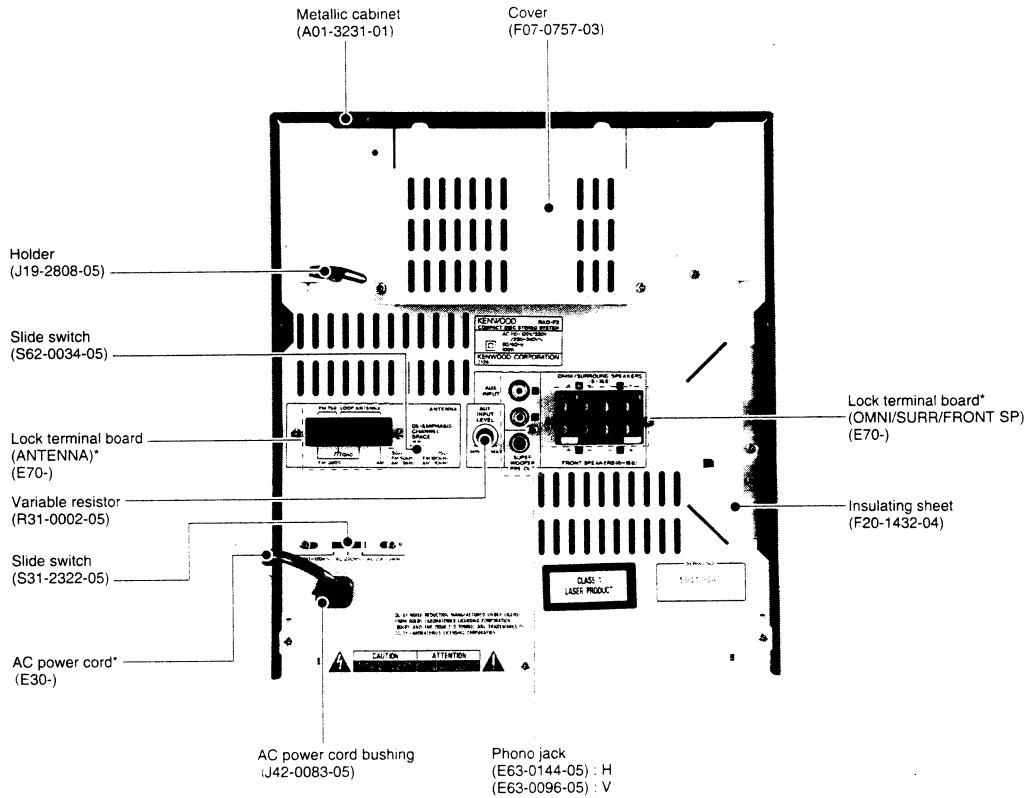


System configuration

SYSTEM NAME	MAIN UNIT	SPEAKERS	OVER CARTON		SPACER ①THIN ②THICK	PACKING ILLUST.
			K	P,R,M,Y,X	P,R,M,X,Y	
UD-203	RXD-F2/L	LS-F2	H60-0322-04	H60-0321-04	①H12-2241-04	
UD-333	RXD-F2	LS-F2		H60-0339-04	②H12-2242-04	



EXTERNAL VIEW / CAUTION



*Refer to parts list on page 51.

Caution

Beware of condensation

When water vapor comes into contact with the surface of cold material, water drops are produced. If condensation occurs, correct operation may not be possible, or the unit may not function correctly. This is not a malfunction, however, and the unit should be dried. (To do this, turn the POWER switch ON and leave the unit for several hours.)

Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

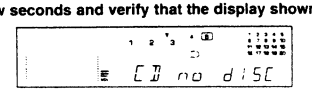
Note related to transportation and movement (CD player)

Before transporting or moving this unit, carry out the following operations.

1. Turn the power ON but do not load a disc.

●Press the **CD(▶/II)** key to check that no disc is present on the tray.

2. Wait a few seconds and verify that the display shown appears.



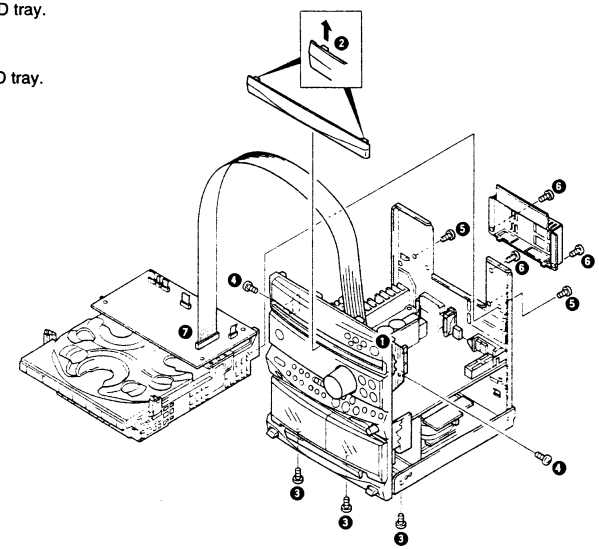
3. Turn the power OFF.

RXD-F2/L

DISASSEMBLY FOR REPAIR

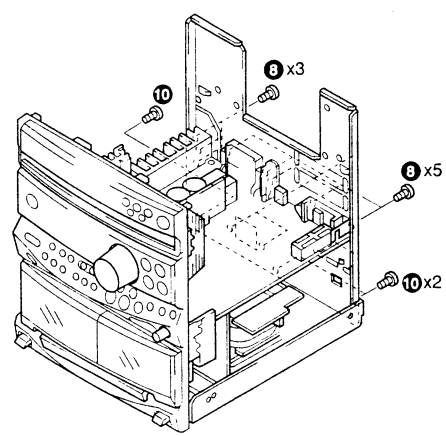
[Remove the CD player]

1. Push the OPEN/CLOSE key(❶), then open the CD tray.
2. Lift the left and right sides(❷) of the CD player front cover upward and remove it.
3. Push the OPEN/CLOSE key(❶) then close the CD tray.
4. Remove the 3 screws(❸) of the bottom.
5. Remove the 9 screws(❹ ~ ⓬), then remove the CD mechanism(❼).

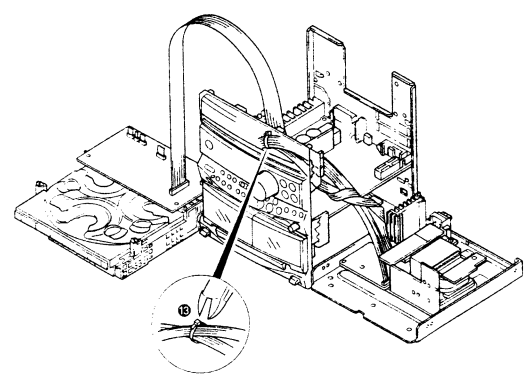


[Remove the chassis]

1. Remove the 11 screws(❽,⓾)



2. Cut the lead wire(⓭), then remove the chassis.



DISASSEMBLY FOR REPAIR

[CD mechanism section]

1) How to detach the tray

1. From the rear side of the CD mechanism, use a screw driver or the like to turn the friction arm (❶) fully counterclockwise.
2. Remove the two bracket attachment screws(❷).
3. Remove the tray in the arrow direction(❹).

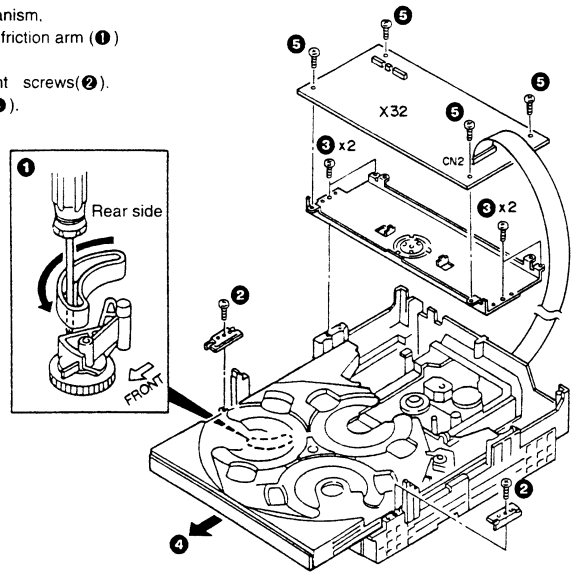


FIG. 1

2) How to attach the tray

1. Check to make sure the rollers on each side (two rollers) have not come off. Move the friction gear by hand in the direction of arrow(❶), align the groove on the rear side of the slide tray with the friction gear shaft and insert the slide tray.
2. Align the grooves on both sides of the slide tray with the main chassis' guides(❷) and insert the slide tray as far back as it will go.
3. Attach the brackets on both sides(two brackets).

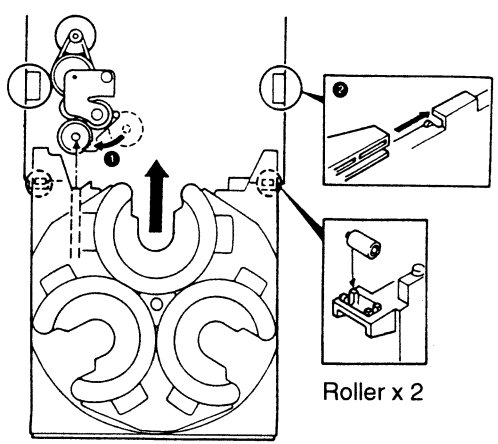


FIG. 2

RXD-F2/L

DISASSEMBLY FOR REPAIR

3) Replacing the pickup

1. Remove the two clamp bracket attachment screws.(Fig.1 ❸).
2. Remove the four screws affixing the lift slider and lift out the lift slider and traverse unit.

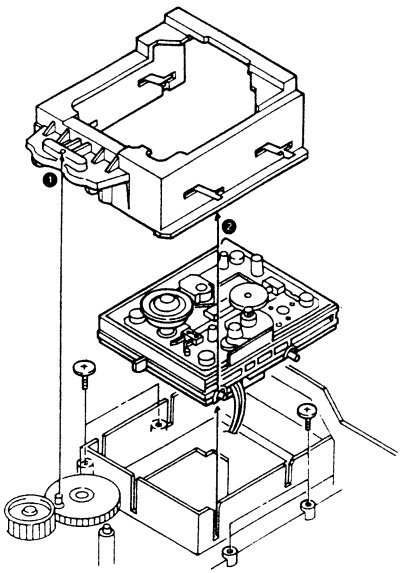


FIG. 3

3. Short the short land.
4. Remove the connector of the flat cable.
5. Remove the gear.
6. Remove the shaft.

※ When reassembling, always be sure to align the cam gear and traverse shaft as shown in ❶ and ❷ of Fig ❸. Then remove a tool of the short land.

Note : Don't separate pickup PC board from pickup.

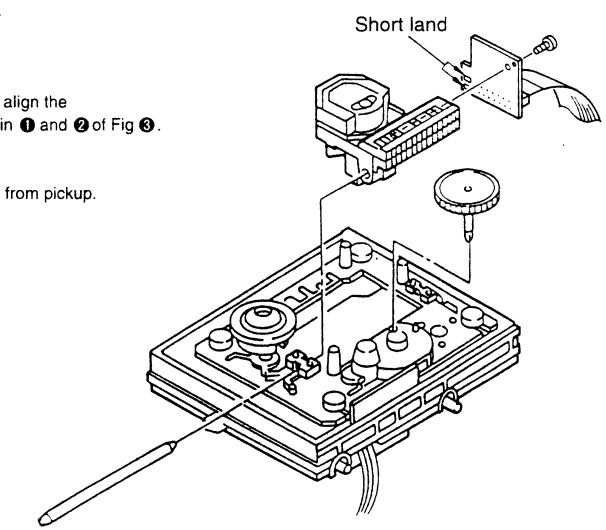
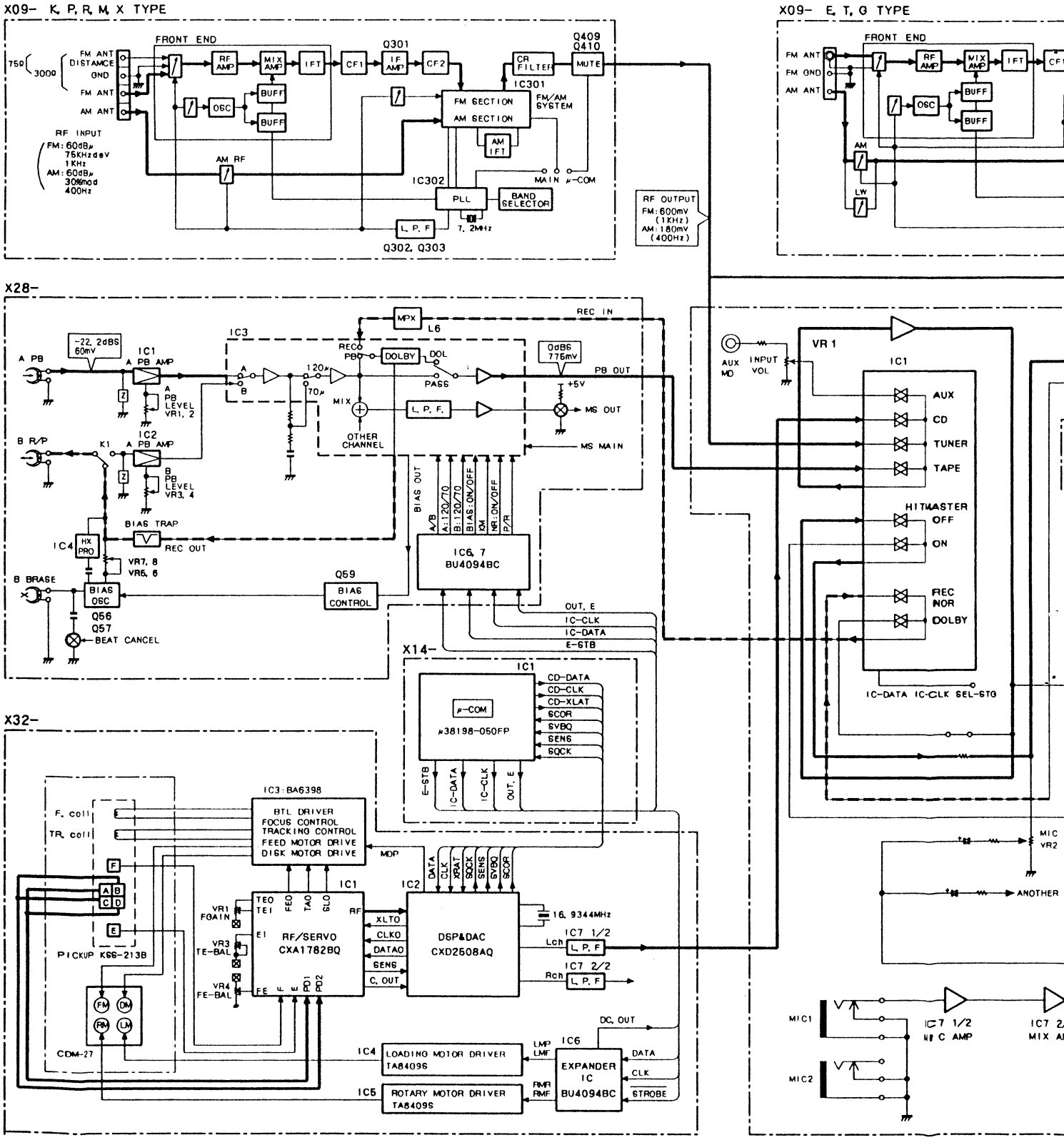


FIG. 4

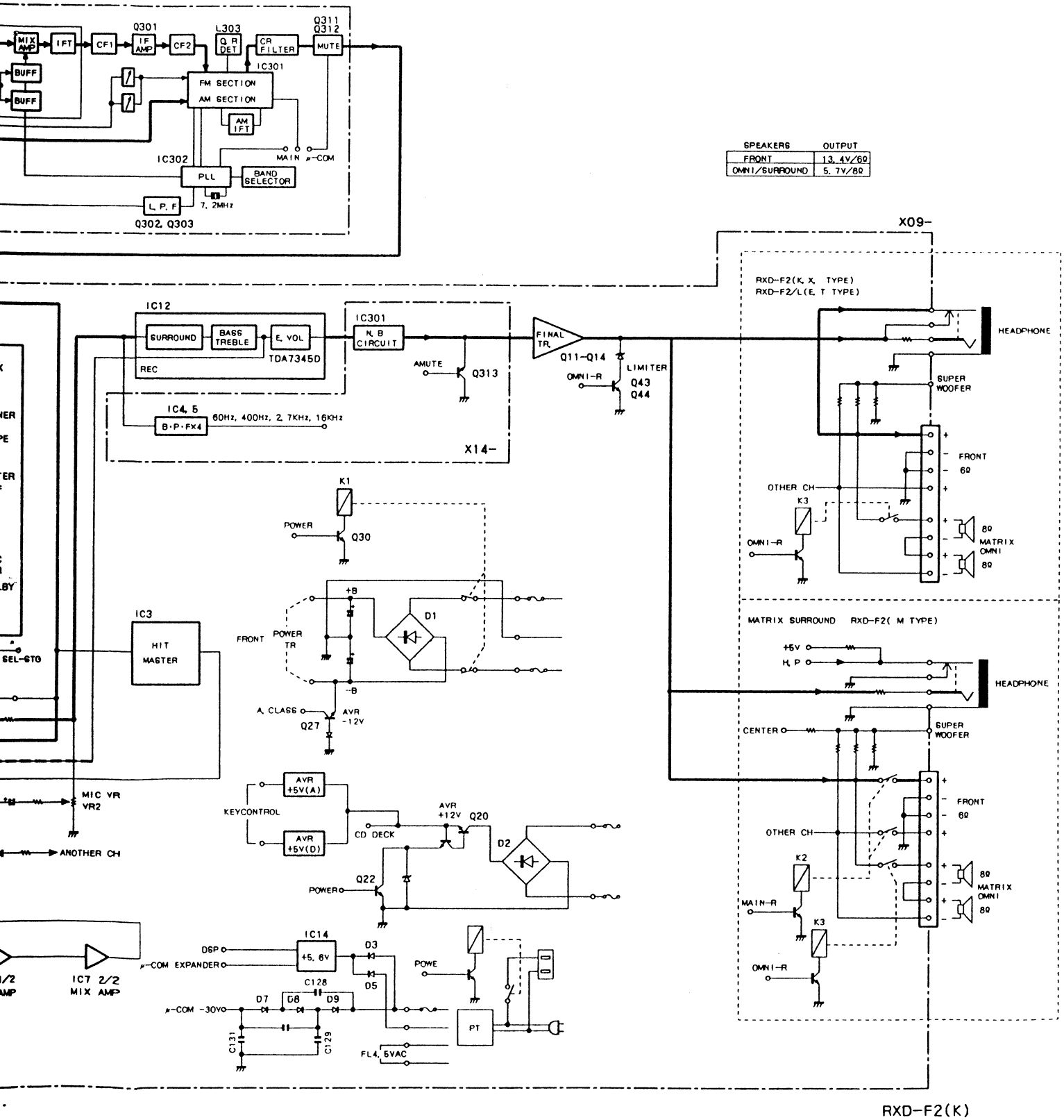
RXD-F2/L R

BLOCK DIAG



RXD-F2/L

CK DIAGRAM



RXD-F2(K)

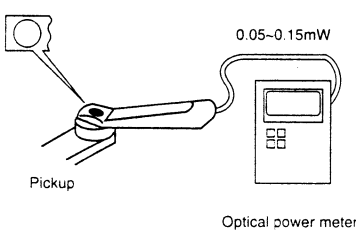
ADJUSTMENT

CD section

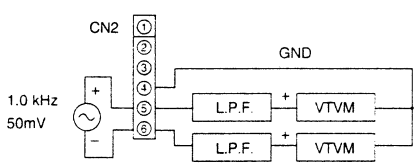
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
1	LASER POWER	-	Set the senor section of the optical power meter on the pickup lens.	Press CD key and turn the power on to enter the test mode.Press the"REPEAT"key to check that the display is "03".	-	On the power from.0.05 to 0.15mw. when the diffraction grating is correctly aligned with the RF level of 0.8Vp-p or more	(a)
2	TRACKING ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1: RF (CN2-1) CH2:TE (CN2-6)	Load disc and set to test mode.Confirm the display is"03".	TE BALANCE VR3	Symmetry between upper and lower or DC=0±0.05V	
3	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1: RF(CN2-1) CH2: TE(CN2-6)	Press the PLAY key. Confirm that the display is"05"	FE BALANCE VR4	Optimum eye pattern	
4	TRACKING GAIN	Test disc Type 4 Apply signal of 1.0kHz. 50mVrms to CN2 pin 5-6.	Connect a LPF to CN2 pin 5-6 to which connect an oscilloscope or AC voltmeters.	Press the PLAY key. Confirm that the displays"05"	TRACKING GAIN VR1	Two VTVMs should read the same value.	(e)

Note:
Type 4disc :SONY YEDS-18 Test Disc or equivalent.
LPF : Around 47kΩ + 390pF or so.
Step 1 ~ 5 are in Test Mode.

(a) Laser Power



(e) Tracking Gain Adj.



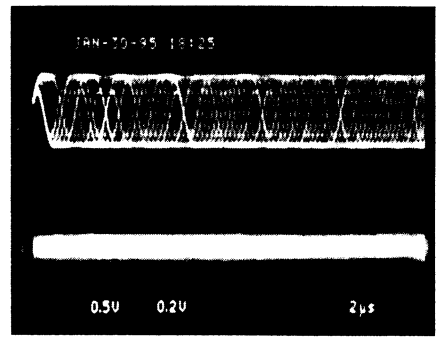
CD test mode input method : While depressing the CD key, plug the power cord into an AC power outlet.

NO.	KEY	OPERATION	TRACK NO. DISPLAY
1	PLAY	Clamp DISC 1 1. FOCUS SERVO .....ON 2. TRACKING SERVO .....ON 3. FEED SERVO .....ON	05
2	REPEAT	1.FOCUS SERVO .....ON 2. TRACKING SERVO .....OFF 3. FEED SERVO .....OFF	03
3	DISC1	PLAY T.NO.16	16
4	STOP	STOP	01
5	DISC2	SELECTED DISC1, SHIPMENT POSITION.	

RXD-F2/L

ADJUSTMENT

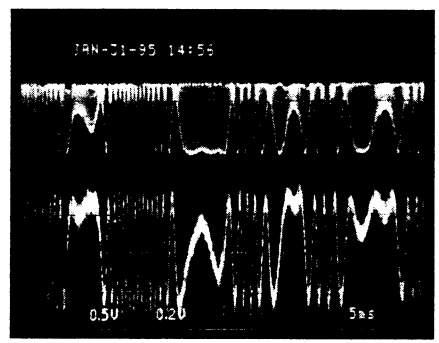
FIG. (b)



CH1
RF signal
◄VC
◄ 0 (V)
CH2
TE signal

●RF signal and TE signal in test mode (PLAY).

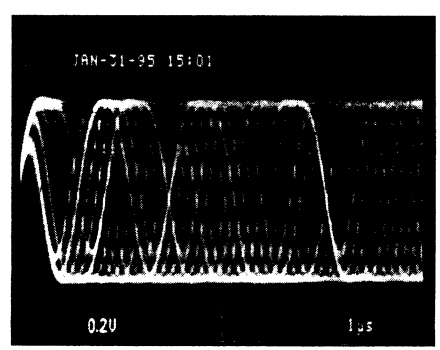
FIG. (c)



CH1
RF signal
◄VC
◄VC
CH2
TE signal

●RF signal and TE signal in test mode (Focusing servo ON / Tracking servo OFF). (Disc Type 4)
●Adjust TE signal so that the waveform is symmetrical in relation to VC. VR 3 (TE BALANCE)

FIG. (d)

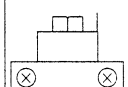


RF signal
: AC coupled

●RF signal in test mode (PLAY).
●Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

ADJUSTMENT

Cassette Deck section

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: 0dBs=0.775V TAPE : NORMAL DOLBY : OFF REC OUT : Lch (X28,CN5 ① pin), Rch (X28,CN5 ④ pin) I Cassette mechanism unit (Adjustment of the REC / PLAY head)							
1)	Demagnetization and cleaning	—	—	Power : OFF Demagnetization,cleaning, PLAY	Recording head, erase head,capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser.Clean the REC / PLAY head, erase head,capstan and pinch roller using a cotton swab slightly damped with alcohol.	
2)	Azimuth of the REC/PLAY head	SCC-1727 TCC-153 MTT-114 10kHz, – 10dB	(B)	PLAY	 FWD RVS	Adjust the output to maximum and adjust the azimuth adjustment screw for the Lissajours waveform pattern of the oscilloscope to become close to a 45° straight line.	
II PC BOARD ADJUSTMENT							
1)	TAPE SPEED(NORMAL)	TCC-110 MTT-111 SCC-1727 3kHz	(B)	PLAY	VR52	Adjust the tape speed so that 3kHz is obtained at the center of the tape.	
III PC BOARD ADJUSTMENT							
1)	PLAYBACK LEVEL	MTT- 150 400Hz	(B)	PLAY	A DECK VR 1(L) VR 2 (R) B DECK VR 3 (L) VR4 (R)	Adjust the playback output to -2.0dBs	
		MTT-256, SCC-1727 315Hz				Adjust the playback output to -6.0dBs	
		MTT-256U, TCC-160 315Hz				Adjust the playback output to -3.0dBs	
2)	BIAS CURRENT	Adjust the AG for the output of the DECK to become 400Hz –23dBs. 400Hz/12.5kHz, (AC-223)	(B)	REC ▲ ▼ PLAY	VR5 (L) VR6(R)	Record 400Hz and 12.5kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the +3dB.	

RXD-F2/L

ADJUSTMENT

TUNER section

K.P.M.X.R, I Type (X09-)

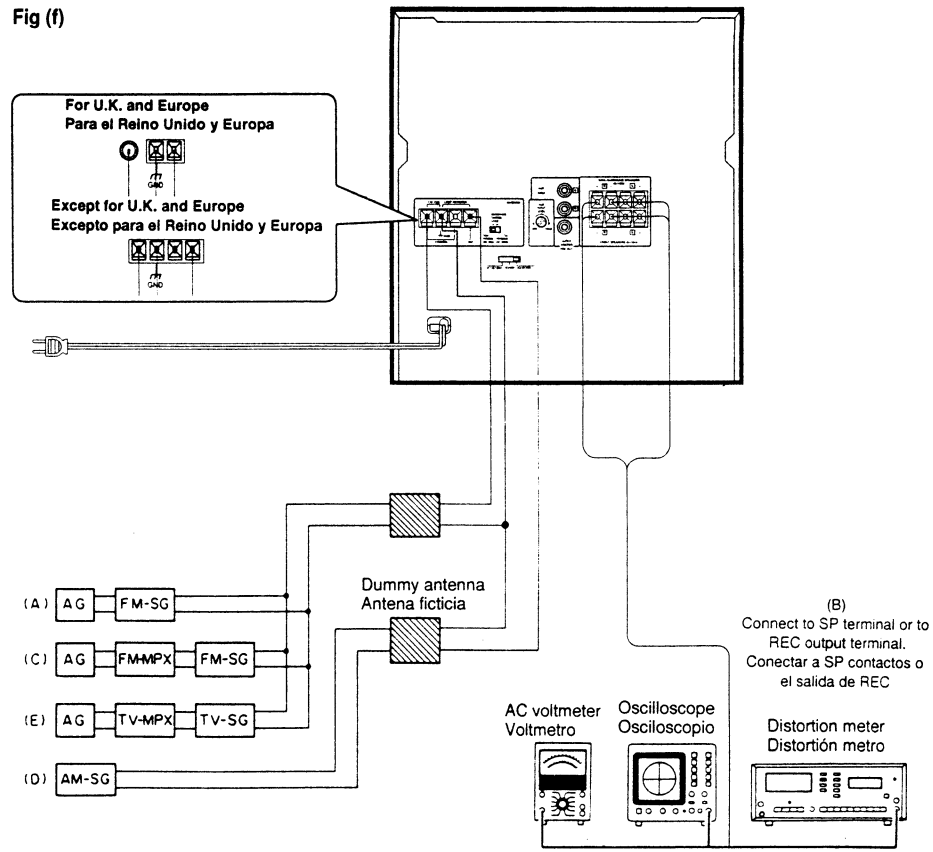
No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISTORTION (STEREO)	(C) 98.0MHz 1kHz,±68.25 kHz dev Pilot : ±7.5kHz dev 60 dBμ(ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	(f)

E.T.G Type (X09-)

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz,±75 kHz dev 60 dBμ(ANT input)	Connect a DC voltmeter between TP303 and TP304. (X09-)	AUTO or MONO 98.0MHz	L3 (X09-)	0V	(f)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz,±68.25 kHz dev Pilot : ±7.5kHz dev 60 dBμ(ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	(f)

ADJUSTMENT

Fig (f)



REC output : for X28 L ch, connect CN 5 pin 1 ;
for X28 R ch, connect CN 5 pin 4.

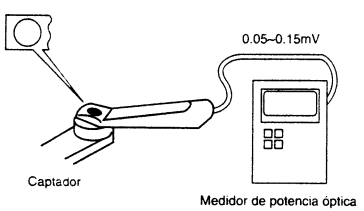
Salida de REC : X28 canal izp., Conectar CN 5 contactos nº 1 a masa.
X28 canal dch., Conectar CN 5 contactos nº 4 a masa.

AJUSTES

CD seccíon

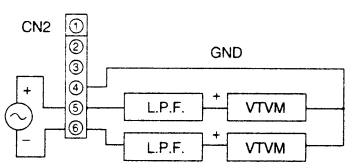
No.	ITEM	AJUSTE DE ENTRADA	AJUSTE DE SALIDA	AJUSTE DE REPRODUCTOR	PUNTO DE ALINEACION	ALINEAR PARA	FIG.
1	FUERZA LASER	-	Ajuste la sección de sensor sobre el medidor de potencia ótica sobre el lente de captaclon.	Cortocircuite las espigas TEST y conectar la fuerza para entrar al modo de prueba. Oprima el botón"REPEAT" para revisar que el visualizador esté en "03"	-	Sobre la fuerza de 0.05 a 0.15mW, cuando la rejilla de difracción está correctamente alineada con el nivel de RF de l.0Vp-p o mayor.	(a)
2	EQUILIBRIO DE ERROR DE RASTREO	Disco de prueba Tipo 4	Conecta un osciloscopio como sigue: CHI: RF(CN2-1) CH2: TE(CN2-6)	Cargue disco y ponga al modo de prueba. Confirme que el visualizador está en "03"	EQUILIBRIO DE TE VR 3	Simetría entre superior e inferior, ó CC = 0±0.05V	
3	EQUILIBRIO DE ERROR DE POCO	Disco de prueba Tipo 4	Conecte un osciloscopio como sigue: CHI: RF(CN2-1) CH2. TE(CN2-6)	Oprima el botón PLAY. Confirme que el visualizador esta en "03".	EQUILIBRIO DE FE VR 4	Optimice el patrón de ojo.	
4	GANANCIA DE RASTREO	Disco de prueba Tipo 4 Aplique la señal de 1.0 kHz, 50mVrms a espigas 5-6 de CH.	Conecte un LPF a espigas 5-6 de CH, a que conecte un osciloscopio o voltimetro de CA.	Oprima el botón PLAY. Confirme que el visualizador está en "05".	GANANCIA DE RASTREO VR1	Dos VTVMs deberán indicar el mismo valor.	(e)

(a) Fuerza de Láser



(e) Ajuste de Ganancia de Rastreo

Ajuste de ganancia de rastreo.



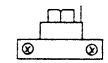
Ajuste del Modo de Prueba: insertar la clavija AC en la salida de CA presionando el botón CD.

NO.	Botón	Función	indicación NO. Pista
1	PLAY	Fijar el Disco 1 1. FOCUS SERVO.....ON 2. TRACKING SERVO.....ON 3. FEED SERVO.....ON	05
2	REPEAT	1. FOCUS SERVO.....ON 2. TRACKING SERVO.....OFF 3. FEED SERVO.....OFF	03
3	DISC1	Se inicia el PLAY a partir del Tno. 16	16
4	STOP	.Parada	01
5	DISC2	Seleccionar el Disco 1 para ponerlo en el estado de despacho	

RXD-F2/L

AJUSTES

Cassette Deck seccíon

Orden	Ítem	Ajuste de entrada	Ajuste de salida	Ajuste de la Deck	Puntos de ajuste	MEtodo de ajuste	Fig.
A menos que se indique lo contrario, ajustar los interruptores respectivos de la manera siguiente: **TAPE: NORMAL DOLBY: OFF INPUT: AUX REC OUT** : IZQ. (X28 , CN5 ① PIN), DCH. (X28 . CN5 ④ PIN)							
I. Sección del mecanismo de la cassette (ajuste de la cabeza de grabación/reproducción)							
1	Desmagnetización y limpieza	—	—	Alimentación: apagado, desmagnetización, limpieza, reproducción	Cabezas de grabación, cabezas de borrado, ejes de arrastre, rodillos presores	Desmagnetizar las cabezas de grabación/reproducción con un borrador de cabezas. Limpiar las cabezas de grabación/ reproducción, cabezas de borrado, ejes de arrastre y rodillos presores con un bastoncillo de algodón humedecido en alcohol.	
2	Acimut de la cabeza de grabación/ reproducción	SCC-1727, TCC-153, MTT-144, 10kHz, -10dBs	(B)	REPRODUCCIÓN (PLAY)		Maximizar la salida y ajustar de manera que la forma de Lissajous se aproxime a una línea inclinada 45°	
II. Ajuste de la tarjeta de circuito impreso							
1	Velocidad de la cinta (normal)	SCC-1727, TCC-110, MTT-111, 3kHz	(B)	REPRODUCCIÓN (PLAY)	VR52	Ajustar de manera que la frecuencia sea de 3 kHz en el centro de la cinta.	
III. Ajuste de la tarjeta de circuito impreso (X28-2620-00)							
1	Nivel de reproducción	MTT-150 400Hz	(B)	REPRODUCCIÓN (PLAY)	PLATINA A: VR 1 (IZQ.) VR 2 (DCH.) PLATINA B: VR3 (IZQ.) VR4 (DCH.)	Nivel de salida : -2.0 dB	
		MTT-256,SCC-1727 315Hz				Nivel de salida : -6.0 dB	
		MTT-256,TCC-160 315Hz				Nivel de salida : -3.0 dB	
2	Corriente de polarización	Ajustar el AG de talmanuera que la salida del chasis sea de -23 dBs en 400 Hz.	(B)	GRABACIÓN (REC) ↕ REPRODUCCIÓN (PLAY)	PLATINA B: VR7 (IZQ.) VR8 (DCH.)	Hacer la grabación en forma alterna en 400 Hz y 12.5 kHz, y ajustar el volumen de regulación de corriente de polarización de tal manera que el nivel de reproducción en 12.5 kHz sea mayor por +3dB que en caso de 400Hz.	

AJUSTES

TUNER seccíon

Tipo M.X.R, I (X09-)

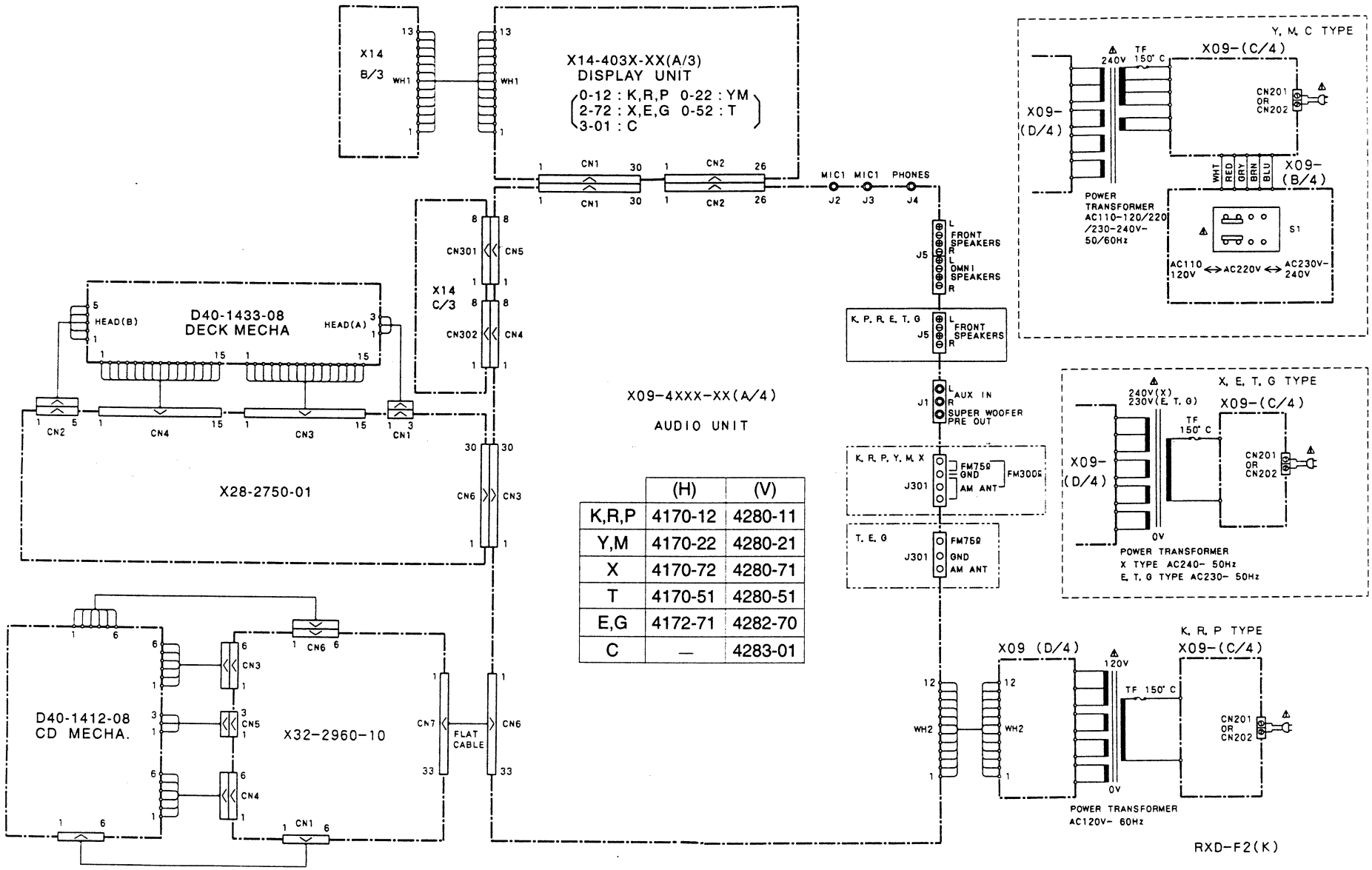
No	ITEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE CALIBRACIÓN	CALIBRA R EN	FIG.
SECCIÓN DE FM		BANDA: FM					
1	DISTORSIÓN (ESTÉREO)	(C) 98,0 MHz 1 kHz, ±68,25 kHz desv. Piloto: ±7,5 kHz desv. 60 dBμ (entrada ANT)	(B)	AUTO 98,0 Mhz	IFT (W02-)	Distorsión mínima	(f)

Tipo E.T.G (X09-)

No	ITEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE CALIBRACIÓN	CALIBRA R EN	FIG.
FM SECTION		BAND : FM					
1	DISCRIMINADOR	(A) 98,0 MHz 1 kHz, ±75 kHz desv. 60 dBμ (entrada ANT)	Conectar un voltímetro de CC entre TP 303 y TP304. (X05-)	AUTO o MONO 98,0 MHz	L307 (X09-)	0V	(f)
2	DISTORSIÓN (ESTÉREO)	(C) 98,0 MHz 1 kHz, ±68,25 kHz desv. Piloto: ±7,5 kHz desv. 60 dBm (entrada ANT)	(B)	AUTO 98,0 MHz	IFT (W02-)	Distorsión mínima	(f)

WIRING DIAGRAM

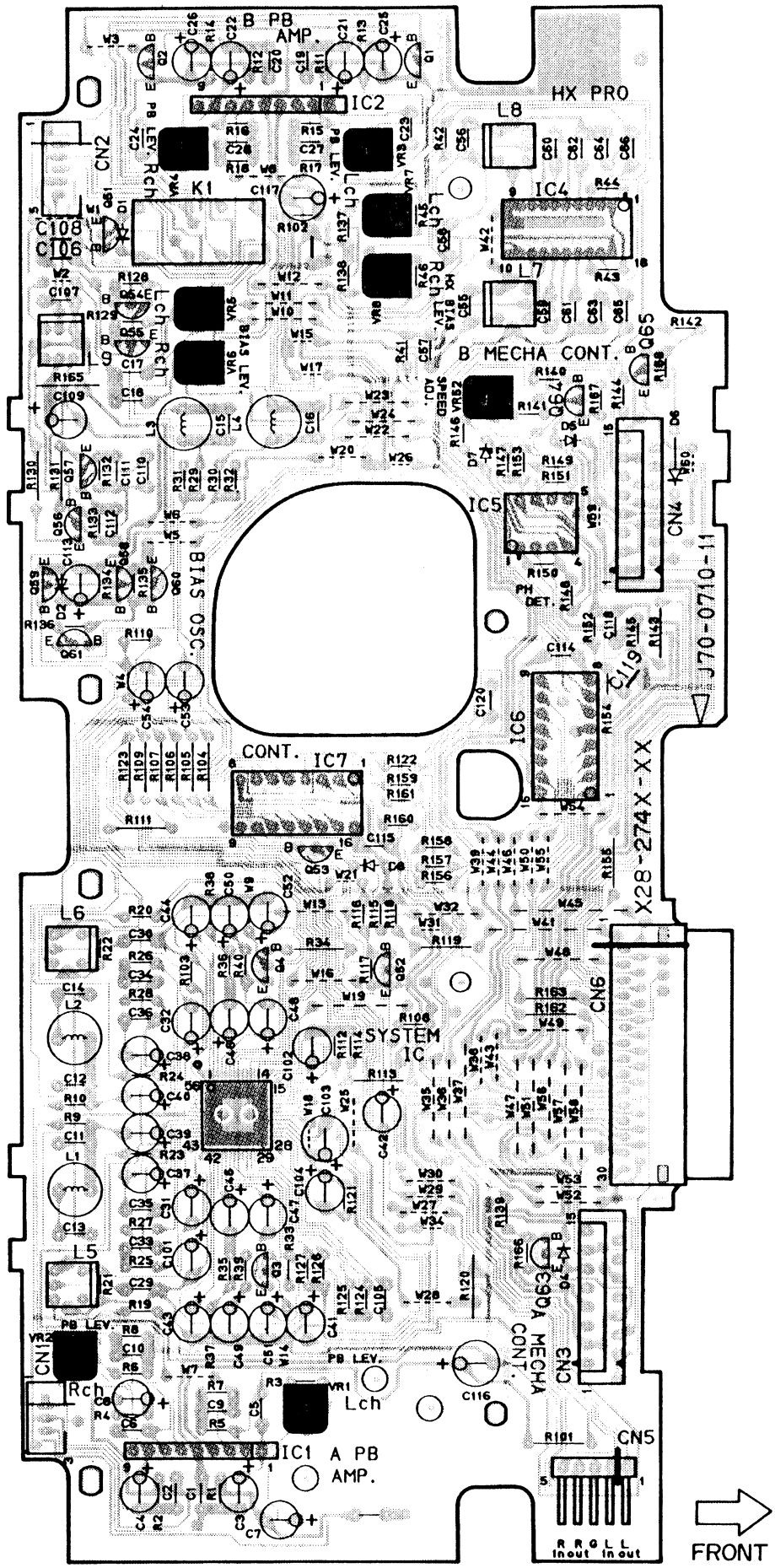
RXD-F2



	(H)	(V)
K,R,P	4170-12	4280-11
Y,M	4170-22	4280-21
X	4170-72	4280-71
T	4170-51	4280-51
E,G	4172-71	4282-70
C	—	4283-01

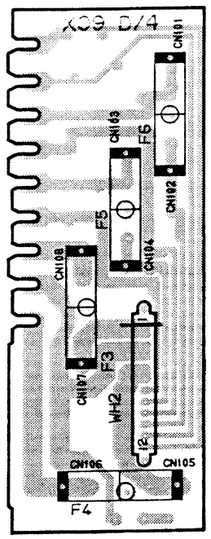
RXD-F2(K)

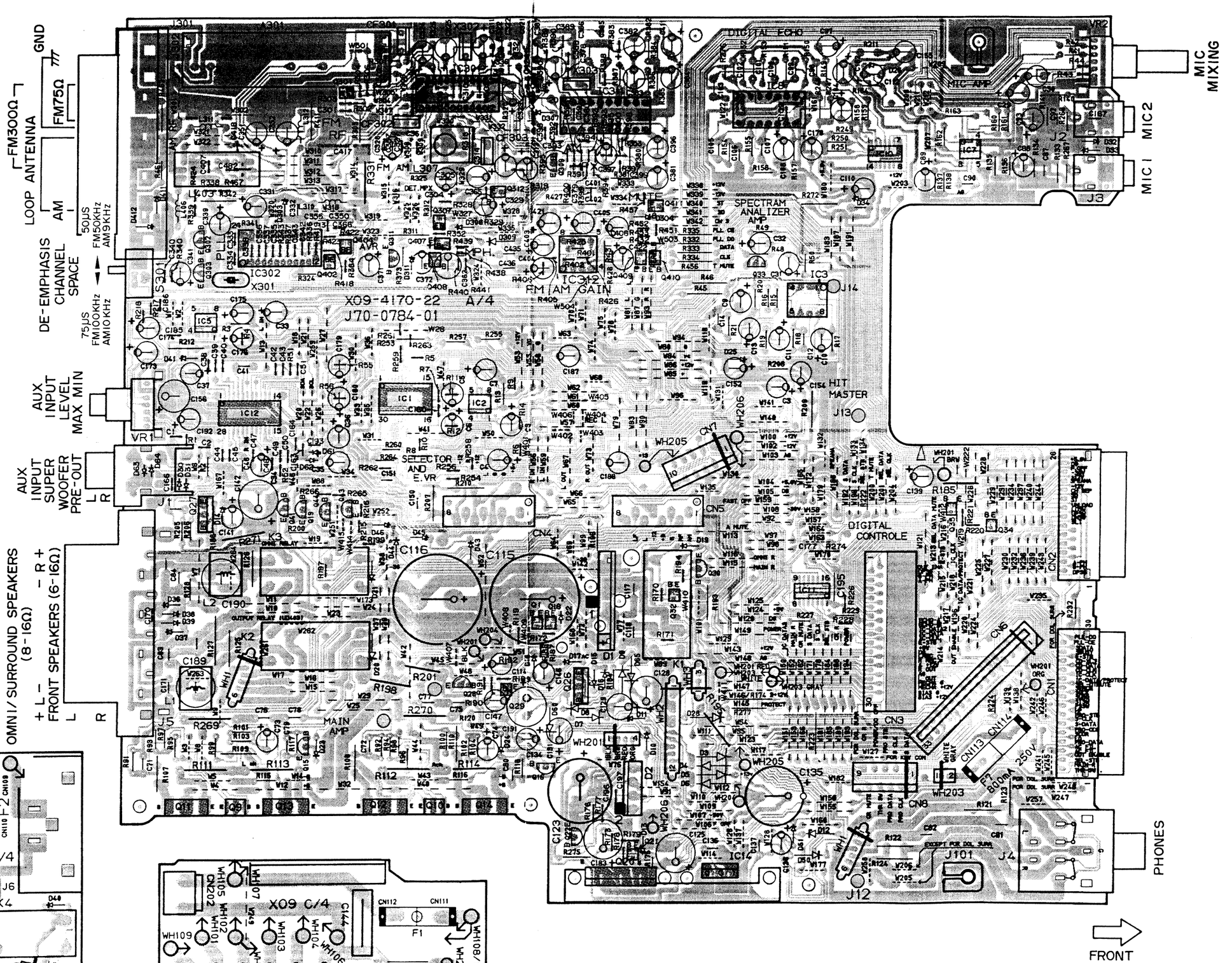
PC BOARD(COMPONENT SIDE VIEW) CASSETTE DECK UNIT(X28-2750-01)

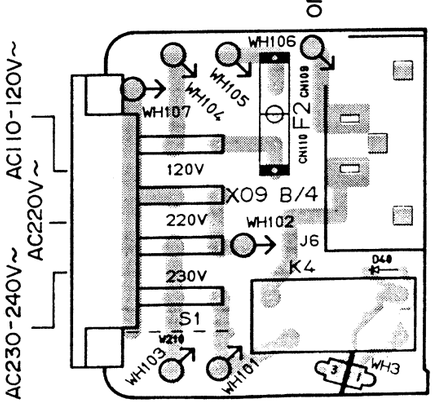


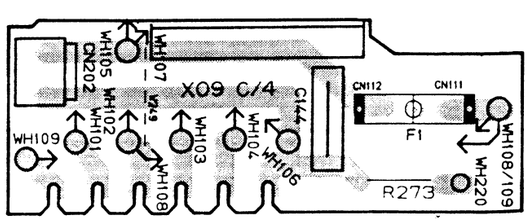
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(COMPONENT SIDE VIEW) AUDIO UNIT (X09-) : K,R,P,Y,M,X type



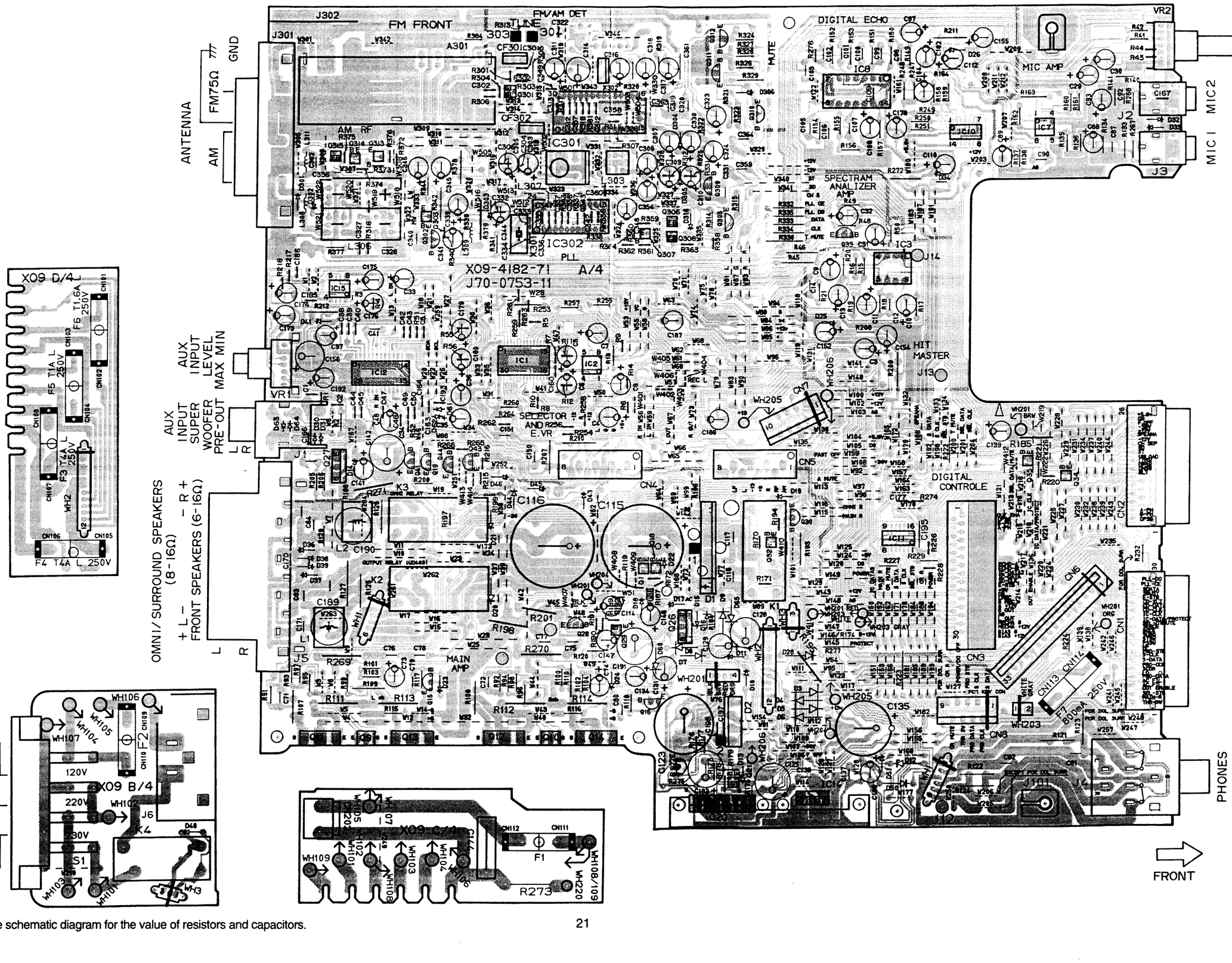






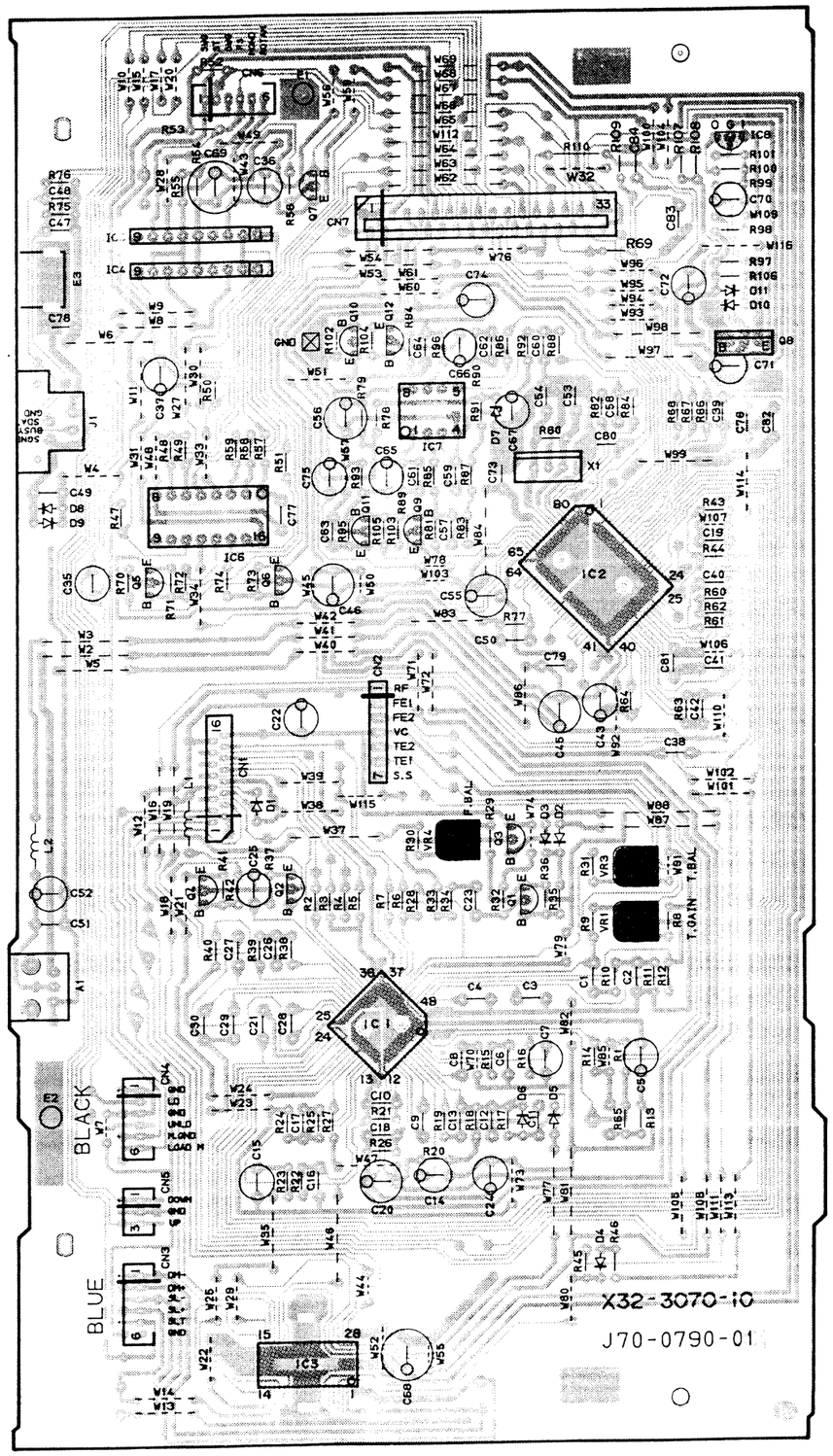
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(COMPONENT SIDE VIEW) AUDIO UNIT (X09-) : T,E,G type

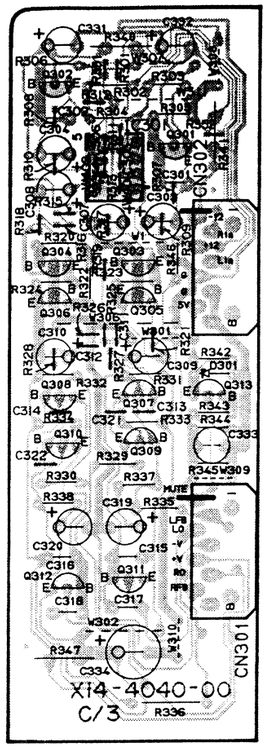


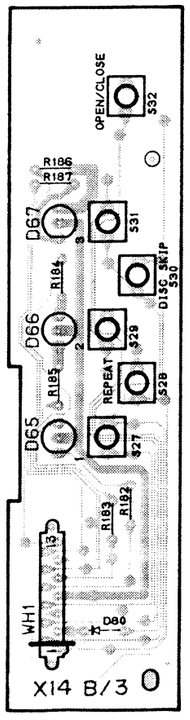
Refer to the schematic diagram for the value of resistors and capacitors.

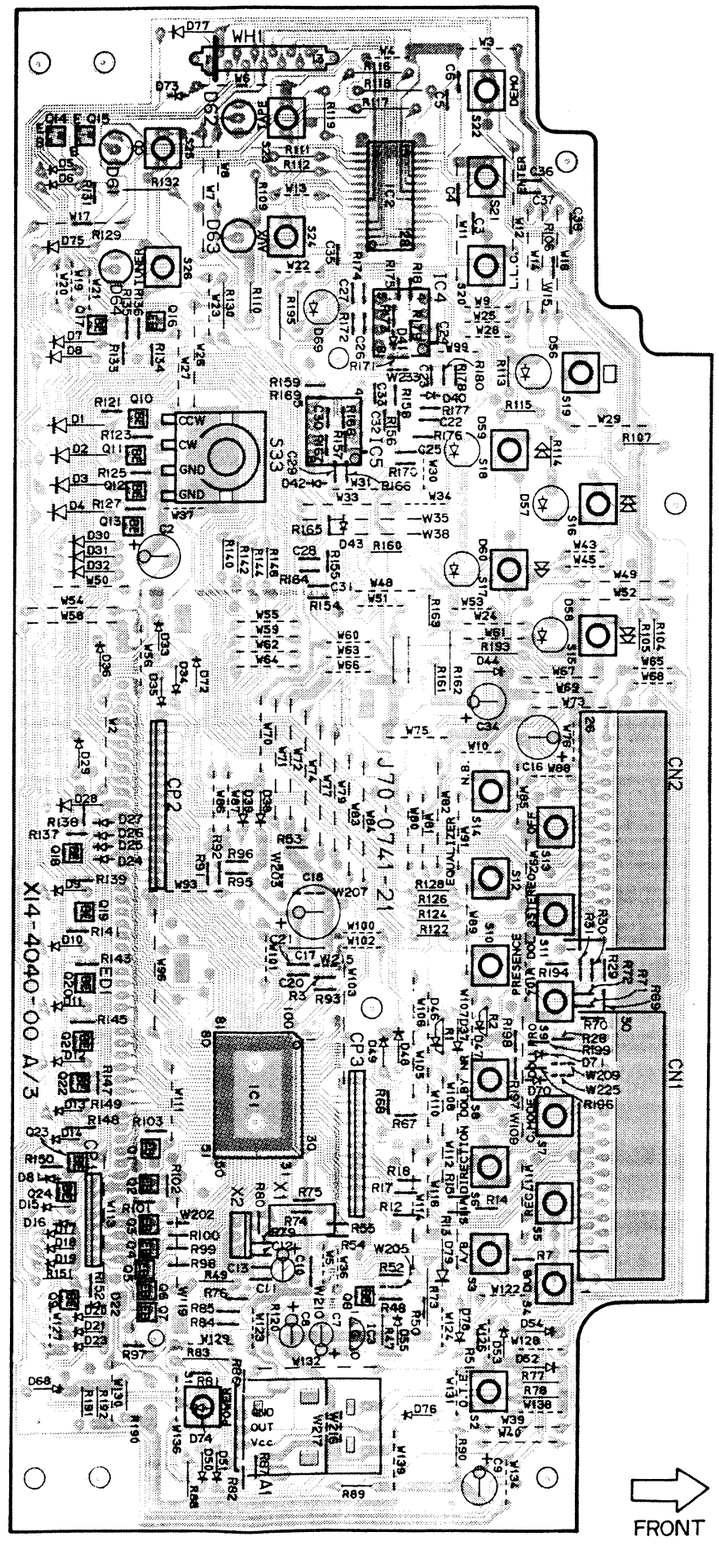
PC BOARD(COMPONENT SIDE VIEW) CD PLAYER UNIT (X32-)



DISPLAY UNIT (X14-)

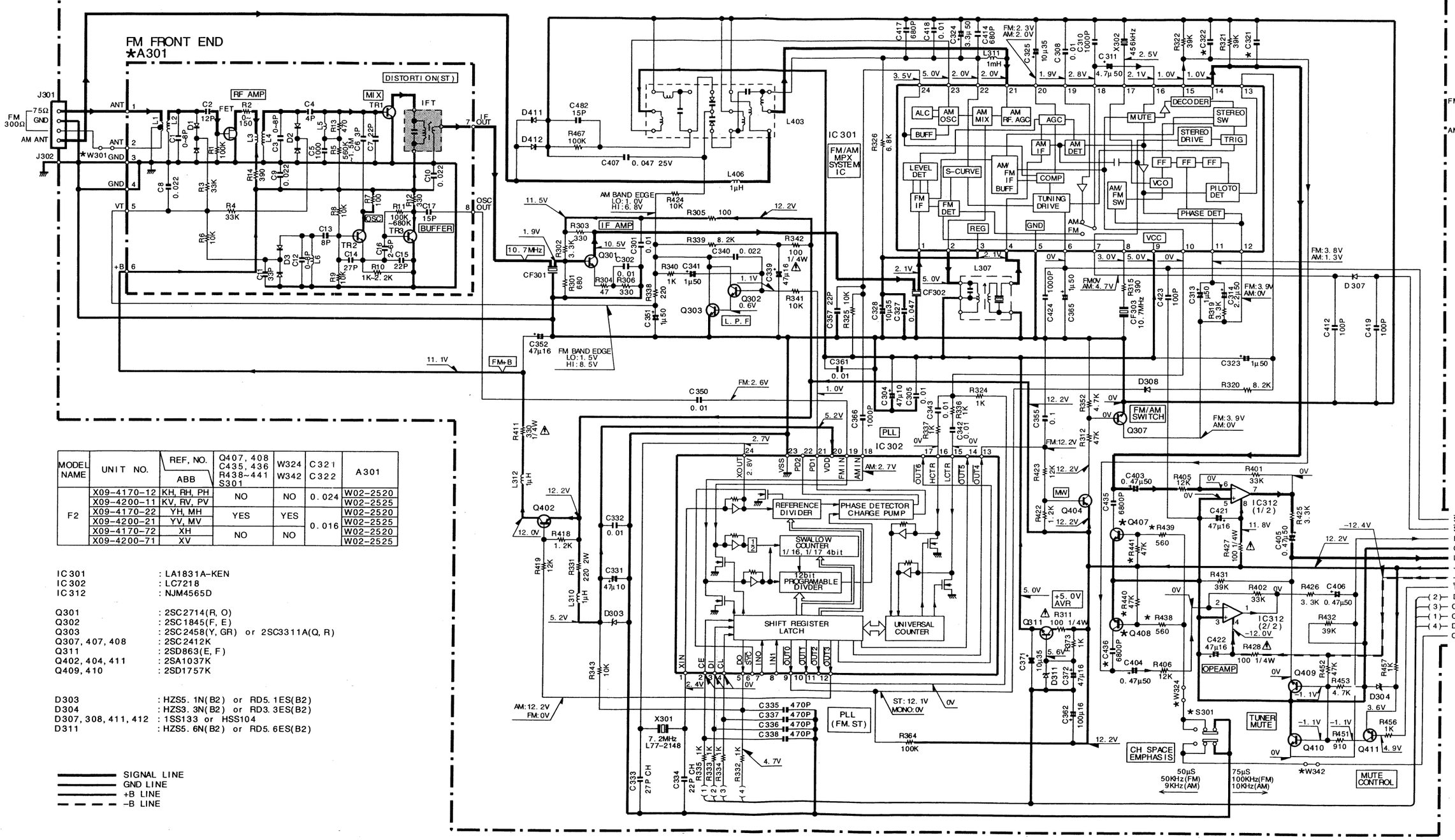






Refer to the schematic diagram for the value of resistors and capacitors.

X09-4XXX-XX A/4 TUNER UNIT



MODEL NAME	UNIT NO.	REF. NO. / ABB	Q407, 408 C435, 436 R438~441 S301	W324 W342	C321 C322	A301
F2	X09-4170-12	KH, RH, PH	NO	NO	0.024	W02-2520
	X09-4200-11	KV, RV, PV				W02-2525
	X09-4170-22	YH, MH	YES	YES	0.016	W02-2520
	X09-4200-21	YV, MV				W02-2525
	X09-4170-72	XH	NO	NO		W02-2520
	X09-4200-71	XV				W02-2525

IC301 : LA1831A-KEN
IC302 : LC7218
IC312 : NJM4565D

Q301 : 2SC2714(R, O)
Q302 : 2SC1845(F, E)
Q303 : 2SC2458(Y, GR) or 2SC3311A(Q, R)
Q307, 407, 408 : 2SC2412K
Q311 : 2SD863(E, F)
Q402, 404, 411 : 2SA1037K
Q409, 410 : 2SD1757K

D303 : HZS5.1N(B2) or RD5.1ES(B2)
D304 : HZS3.3N(B2) or RD3.3ES(B2)
D307, 308, 411, 412 : 1SS133 or HSS104
D311 : HZS5.6N(B2) or RD5.6ES(B2)

SIGNAL LINE
GND LINE
+B LINE
-B LINE

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DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c doivent être mesurées avec un voltmétre á haute impédance Les valeurs peuvent différer légérement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U geringfügig.

2SA1534A
2SA954
2SA992
2SC1845
2SC1923
2SC2003
2SC2878

2SC3246
2SC3940A
2SD1302
2SD863

2SB1565

2SB156
2SB162
2SD249

I J K L M N O P Q R S

X09-4XXX-XX A/4 TUNER UNIT

FM FRONT END A301 (W02-25XX-05)

MODEL NAME	UNIT NO.	ABB	Ⓐ	Ⓑ	Q306, 313~315 D310, W513 R359, 360 R372~376	W321, 518 W519, 520 W522	J301	J302	A301
F2	X09-4182-71	EH,GH	NO	YES	NO	YES	E70-0052	F10-0963	W02-2509
	X09-4212-70	EV,GV					E20-0321	F10-0921	W02-2526
F2L	X09-4180-52	TH	YES	NO	YES	NO	E70-0052	F10-0963	W02-2509
	X09-4210-51	TV					E20-0321	F10-0921	W02-2526

IC301 : LA1836
IC302 : LC7218

Q301 : 2SC2714(R, O)
Q302 : 2SC1845(F, E)
Q303, 313~315 : 2SC4081(R, S)
Q305 : 2SC1740S(Q, R) or 2SC2785(F, E) or 2SC2458(Y, GR) or 2SC3311A(Q, R)
Q306~308 : 2SA1576(R, S)
Q309 : 2SD863(E. F)
Q310 : 2SA933S(Q, R) or 2SA1175(F, E) or 2SA1309A(Q, R) or 2SA1048(Y, GR)
Q311, 312 : 2SD1302(S. T) or 2SD1450(S, T)

D301, 302, 305, 310 : 1SS133 or HSS104
D303 : RD5. 1ES(B2) or HZS5. 1N(B2)
D304 : RD8. 2ES(B2) or HZS8. 2N(B2)
D306 : RD3. 3ES(B2) or HZS3. 3N(B2)

SC3246
SC3940A
SD1302
SD863

2SB1565

2SB1565
2SB1624
2SD2493

2SA1175
2SC2785

DTA124ES
DTC124ES
UN4112
2SA1048
2SA933S
2SC1740S
2SC2458

DTC124EU
2SA1037K
2SA1576
2SC2412K
2SC2714
2SC4081
2SD1757K

2SC4137

2SB1370

UN4212
2SA1309A
2SC3311A

2SB1375

2SD1893

NJM2100D

NJM4565D
NJM4565D-D

Q R S T U

V W X Y Z

1

2

3

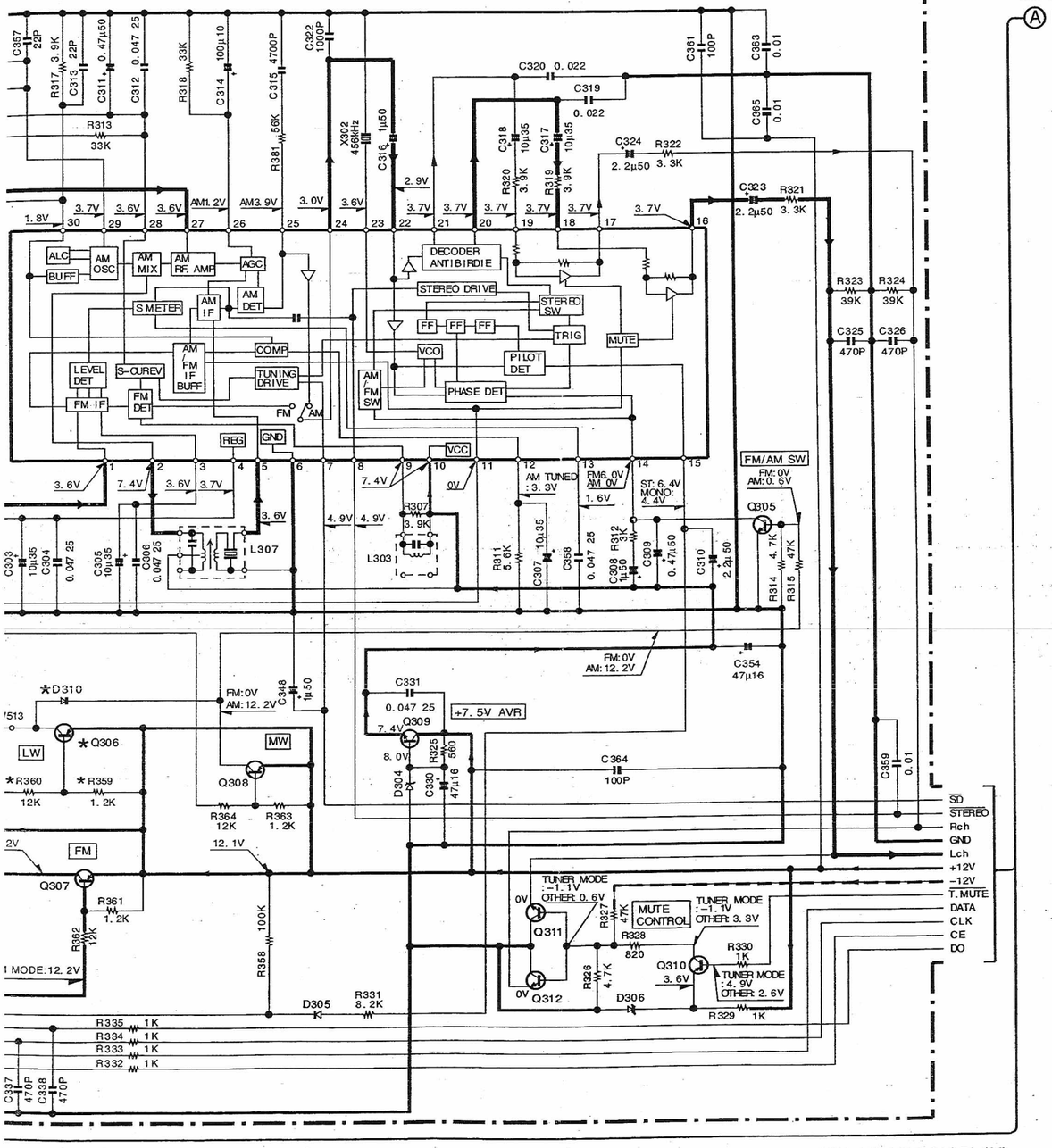
4

5

6

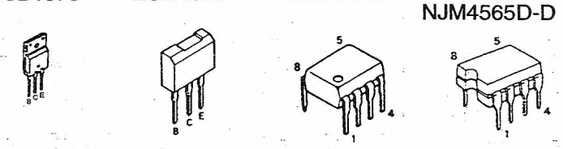
7

TO X09
AMP UNIT
(A) 4/5



RXD-F2 / F2L(1/5)(K)

2SB1375 2SD1893 NJM2100D NJM4565D NJM4565D-D



B

Y39-2150-11

RXD-F2/L

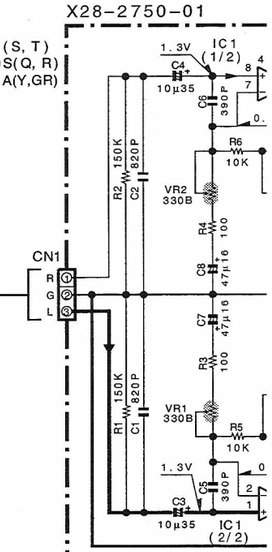
KENWOOD

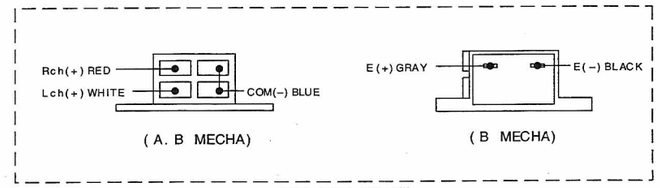
IC1, 2 : TA8125S
IC3 : HA12182F
IC5 : BA10393
IC6, 7 : BU4094BC

D1, 2, 4, 5, 6, 8 : 1SS133 or HSS104
D7 : RD2.7ES(B2) or HZS2.7N(B)

Q1, 2, 51, 61 : UN4212 or DTC124ES
Q3, 4 : 2SD1302(S, T) or 2SD1450(S, T)
Q52, 56, 57, 59 : 2SC2785(F, E) or 2SC1740S(Q, R)
2SC3311A(Q, R) or 2SC2458A(Y, GR)
Q53 : UN4112 or DTA
Q54, 55 : 2SC1845(F, E) 124ES
Q58 : 2SC3940A(R, S)
Q60 : 2SA992(F, E)
Q63\65 : 2SC3246

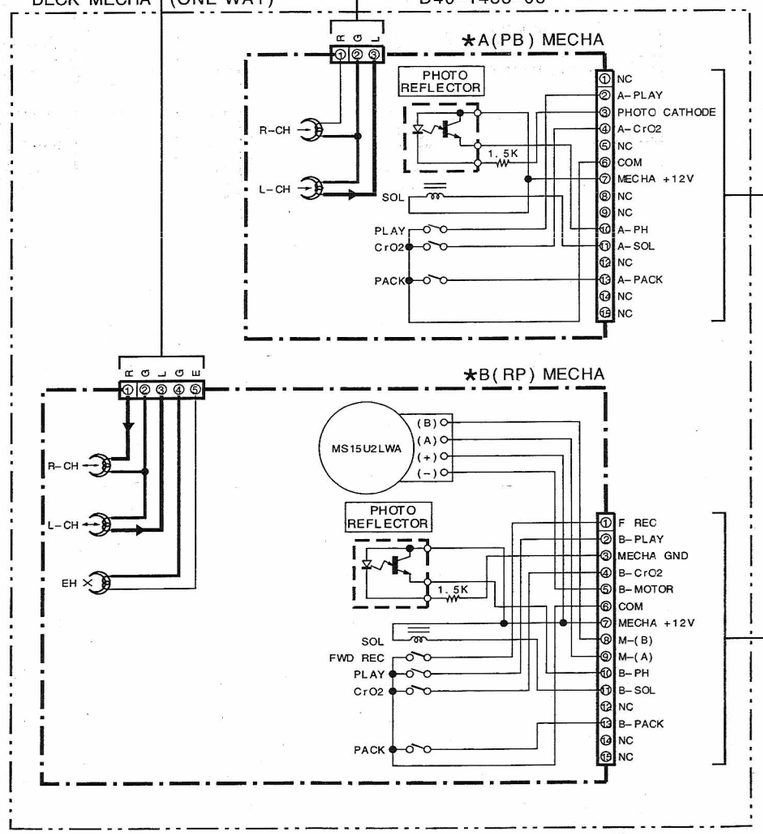
X28-2750-01





ONE WAY HEAD

DECK MECHA (ONE WAY) D40-1433-08



X28-2750-01

DTC124ES
T) or 2SD1450(S, T)
E) or 2SC1740S(Q, R)
R) or 2SC2458A(Y,GR)
DTA
E) 124ES
.S)
)

CN1 (R, G, L)
CN2
CN3 (NC, A-PLAY, MECHA GND, A-CrO2, A-MOTOR, COM, MECHA +12V, M-(B), M-(A), A-PH, A-SOL, NC, A-PACK, NC, NC)
CN4 (F REC, B-PLAY, MECHA GND, B-CrO2, B-MOTOR, COM, MECHA +12V, M-(B), M-(A), B-PH, B-SOL, R REC, B-PACK, NC, NC)

IC1 (1/2) 9.3V R101 1K 1/4W R10 1.5K 12.2V C4 10μ35 C6 390P 0.7V 3.7V R6 10K R8 150K C10 0.015 VR2 330B R4 100 C8 47μ16 C7 47μ16 R3 100 VR1 330B R5 10K R7 150K C9 0.015 1.3V C5 390P 0.7V 3.7V C3 10μ35 IC1 (2/2) R9 1.5K R1 150K C1 820P R2 150K C2 820P C116 100μ16 C12 2200P C14 220P C13 220P C11 2200P L1 10mH L2 10mH A PB AMP RCH LCH

REC/PLAY SELECT Q51 D1 K1 PLAY:0V REC:4.7V PLAY:12.2V REC:0V

IC2 (1/2) 1.3V 9.3V R102 1K C22 10μ35 C24 380P 0.7V 3.7V R16 10K R18 150K C28 0.015 VR4 330B R14 100 C26 47μ16 C25 47μ16 R13 100 R12 150K C20 820P R11 150K C19 820P C117 100μ16 B PB AMP RCH LCH

Q2 MUTE Q1 MUTE PLAY:0V REC:4.7V 0V

C17 220P VR5 100KB C18 220P VR6 100KB

IC2(2/2) C21 10μ35 C23 380P VR3 330B R15 10K R17 150K 0.7V 3.7V 1.3V

L4 10mH R30 15K C16 220P R32 10K L3 10mH R29 15K C15 220P R31 10K

L9 L32-0572-05 R165 10 1/4W NOR: 5.2V CrO2: 9.1V BIAS OSC Q58 12.2V BIAS OSC SW

BIAS OSC Q56 NOR: 0.1V CrO2: −0.3V Q57 NOR: 0.1V CrO2: −0.2V BIAS OSC

C106 470P 500 NOR: 0.4V CrO2: 1.2V Q54, 55 BEAT CANCEL SW R128 5.6K R129 5.6K C107 0.01 NOR: 5.4V CrO2: 8.9V C109 10μ35 R130 4.7 1/4W R131 4.7 1/4W C110 0.01 R132 56K C111 3300P R133 56K C112 3300P

Q59 D2 Q60 R135 22K R110 10K 12.3V R136 10K Q61 BEAT CANCEL CONTROL 0V R134 16K NOR: 6.2V CrO2: 9.8V NOR: −0.7V CrO2: −1.4V

REC MODE VOLTAGE NORMAL: 7.3V CrO2: 10.9V

12.2V

Q4 R34 3.9K REC MUTE PLAY/STOP: 4.2V REC:0V PLAY/STOP: 0.7V REC:0V

SYSTEM IC/DOLBY IC3 5.8V 0.3V 5.9V

C30 6800P R20 1.5K L6 R22 3.9K

R103 18K C32 0.47μ50 C34 0.033 R26 2.2K R28 1.5K C36 2200P R24 1.5K C38 1μ50 C40 1μ50 R23 1.5K C37 1μ50 C29 6800P C35 2200P R27 1.5K C33 0.033 R25 2.2K C31 0.47μ50 C101 1μ50 R19 1.5K L5 R21 3.9K

BOTTOM VIEW LPF DET DOLBY B-NR REC EQ BIAS SW

R104 22K R105 22K R106 22K R107 22K A:0V B:4.0V

C42 0.039 C44 0.1μ50 C46 10μ35 C48 0.47μ50 R38 4.7K R40 2K C50 1μ50 C52 100μ10 C54 2.2μ50 R36 4.7K

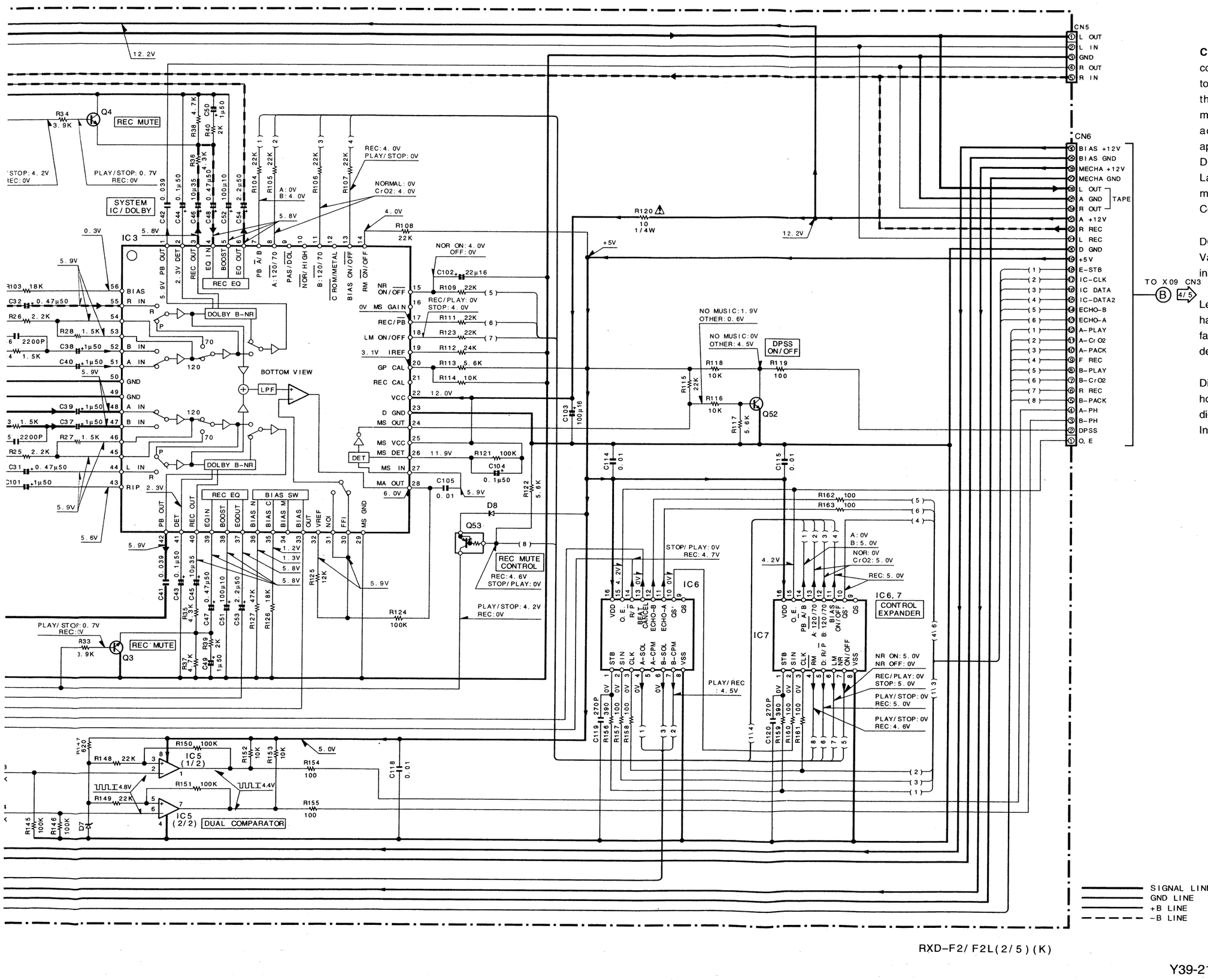
C41 0.039 C43 0.1μ50 C45 10μ35 C47 0.47μ50 C51 100μ10 C53 2.2μ50 R35 4.7K R37 4.7K R39 2K C49 1μ50 R127 47K R126 18K R125 12K

PLAY/STOP: 0.7V REC:0V R33 3.9K REC MUTE Q3 PLAY/STOP: 4.2V REC:0V

A DECK SOL/CONTROL D4 Q63 R139 3.9K R166 47K

B DECK SOL/CONTROL MOTOR CONTROL PLAY/REC:0V STOP:11.7V PLAY/REC:0.7V R167 47K Q64 R140 3.9K D5 R168 47K R141 13K VR52 4.7KB D6 Q65 R142 3.9K

IC5 (1/2) R150 100K R152 10K R153 10K R154 100 R147 620 R148 22K R151 100K R149 22K IC5 (2/2) DUAL COMPARATOR R155 100 R143 150K R144 150K R145 100K R146 100K D7 5.0V 4.8V 4.4V



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DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

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SIGNAL LINE
GND LINE
+B LINE
-B LINE

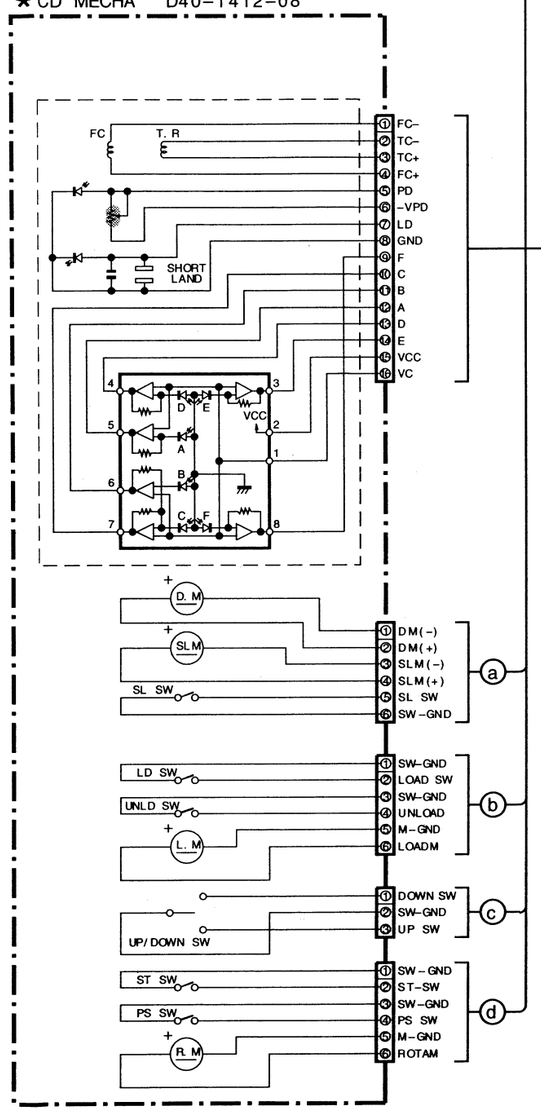
RXD-F2/ F2L(2/5)(K)

Y39-2150-11

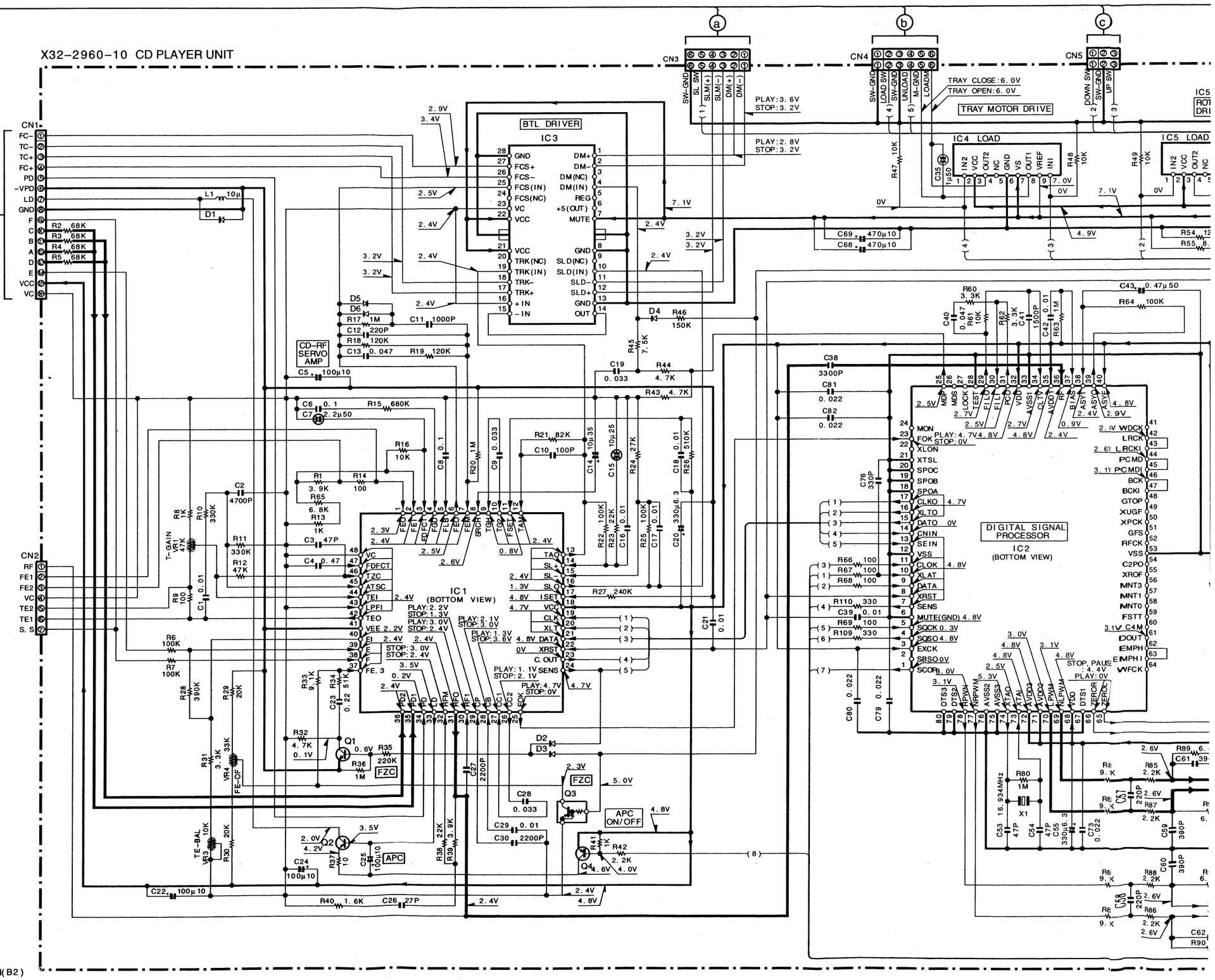
RXD-F2/L

KENWOOD

✱ CD MECHA D40-1412-08



X32-2960-10 CD PLAYER UNIT



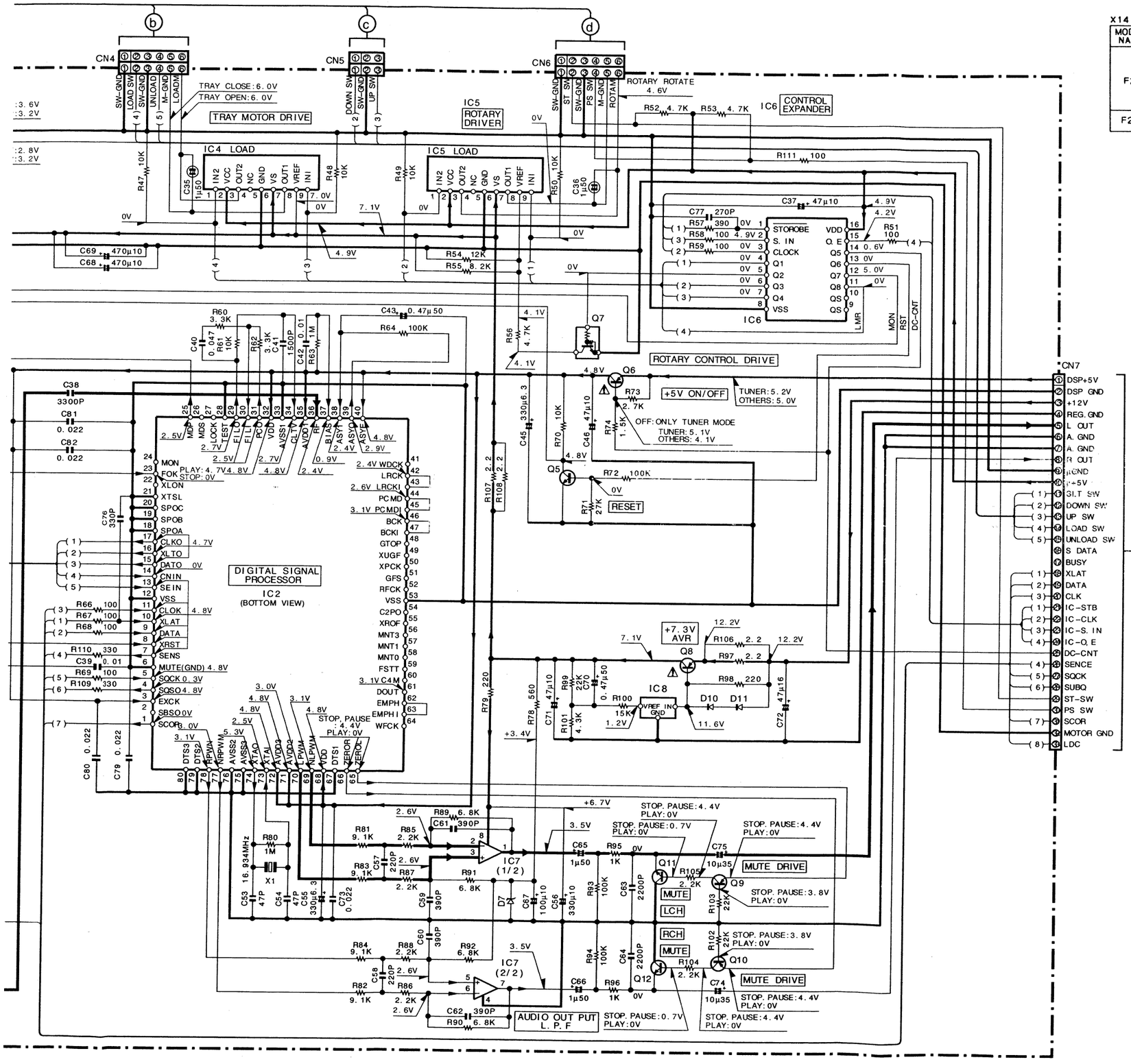
IC1	: CXA1782BQ
IC2	: CXD2508AQ
IC3	: BA6398FP
IC4, 5	: TA8409S
IC6	: BU4094BC
IC7	: NJM2100D
IC8	: M5237L
Q1, 5	: 2SC3311A(Q, R) or 2SC2458(Y, GR) or 2SC1740S(Q, R) or 2SC2785(F, E)
Q2, 4	: 2SA954(L, K)
Q3	: DTA124ES or UN4112
Q6	: 2SA1534A(R, S)
Q7	: DTC124ES or UN4212
Q8	: 2SB1565(E, F) or 2SB1375
Q9, 10	: 2SA1309A(Q, R) or 2SA1048(Y, GR) or 2SA1175(F, E) or 2SA933S(Q, R)
Q11, 12	: 2SC2878(B)
D1~6, 8~11	: 1SS133 or HSS104
D7	: MTZJ3.3(B) or RD3.3ES(B2) or HZS3.3N(B2)

X14 C/3

MODEL NAME	UNIT NO.	REF. NO. ABB	R337. R338	C313. ~316	C317. C318	C321. C322
F2	X14-40xx-xx	30-12	KH. RH. PH	120	NO	100P	1000P
		40-11	KV. RV. PV				
		30-22	YH. MH	130		47P	NO
		40-21	YV. MV				
		32-72	XH. EH. GH		YES	220P	1500P
		42-71	XV. EV. GV				
F2L		30-52	TH				
		40-51	TV				

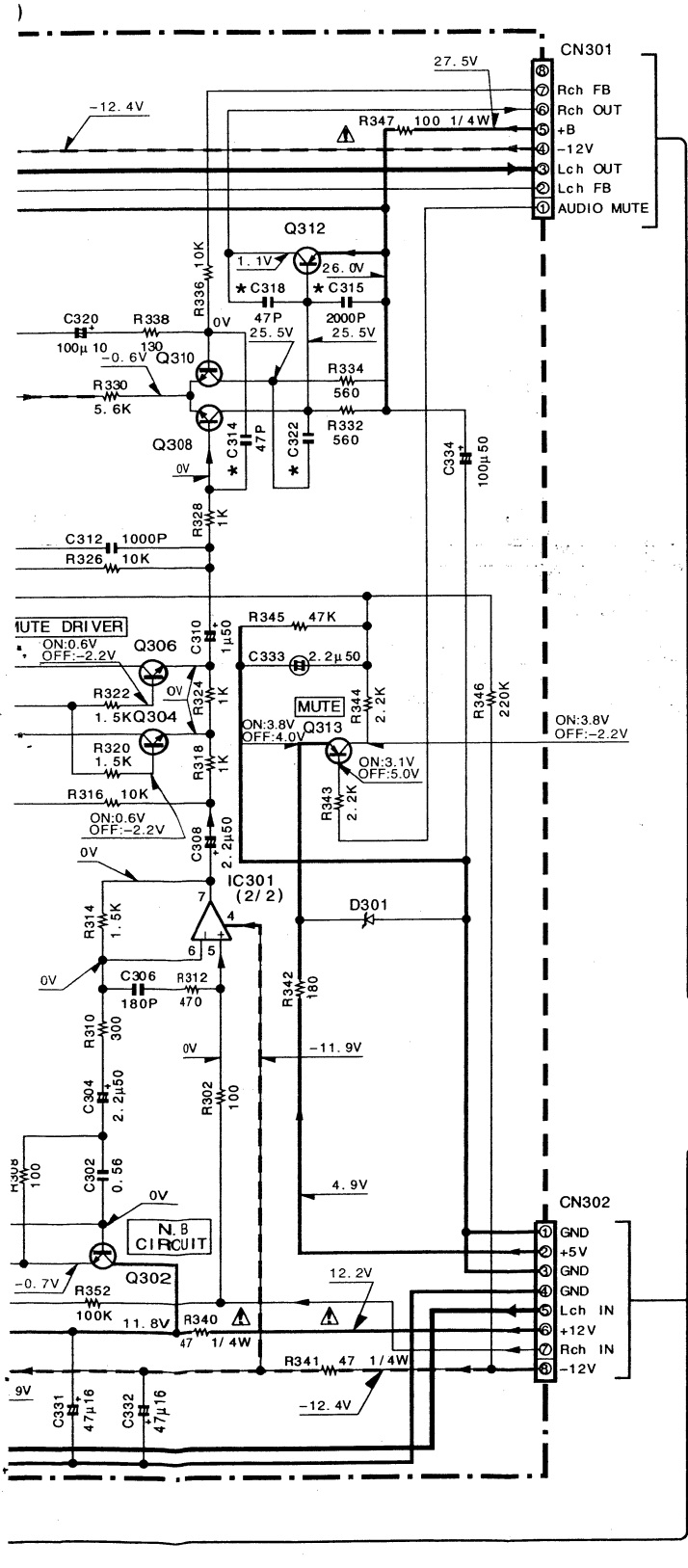
IC301 : NJM4565D-D
D301 : RD3.9ES(B2) or HZS3.9N(B2)
Q301, 302, 307~310 : 2
Q303~306 : 2
Q311, 312 : 2
Q313 : 2

X14-4030-01 C/3 DISPLAY UNIT (N.B.CIRCUIT)



IC301 : NJM4565D-D
D301 : RD3. 9ES(B2) or HZS3. 9N(B2)

Q301, 302, 307~310 : 2SC1845(F, E)
Q303~306 : 2SC2878(B)
Q311, 312 : 2SA992(F, E)
Q313 : 2SA1048(Y, GR) or 2SA1309A(Q,R)



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

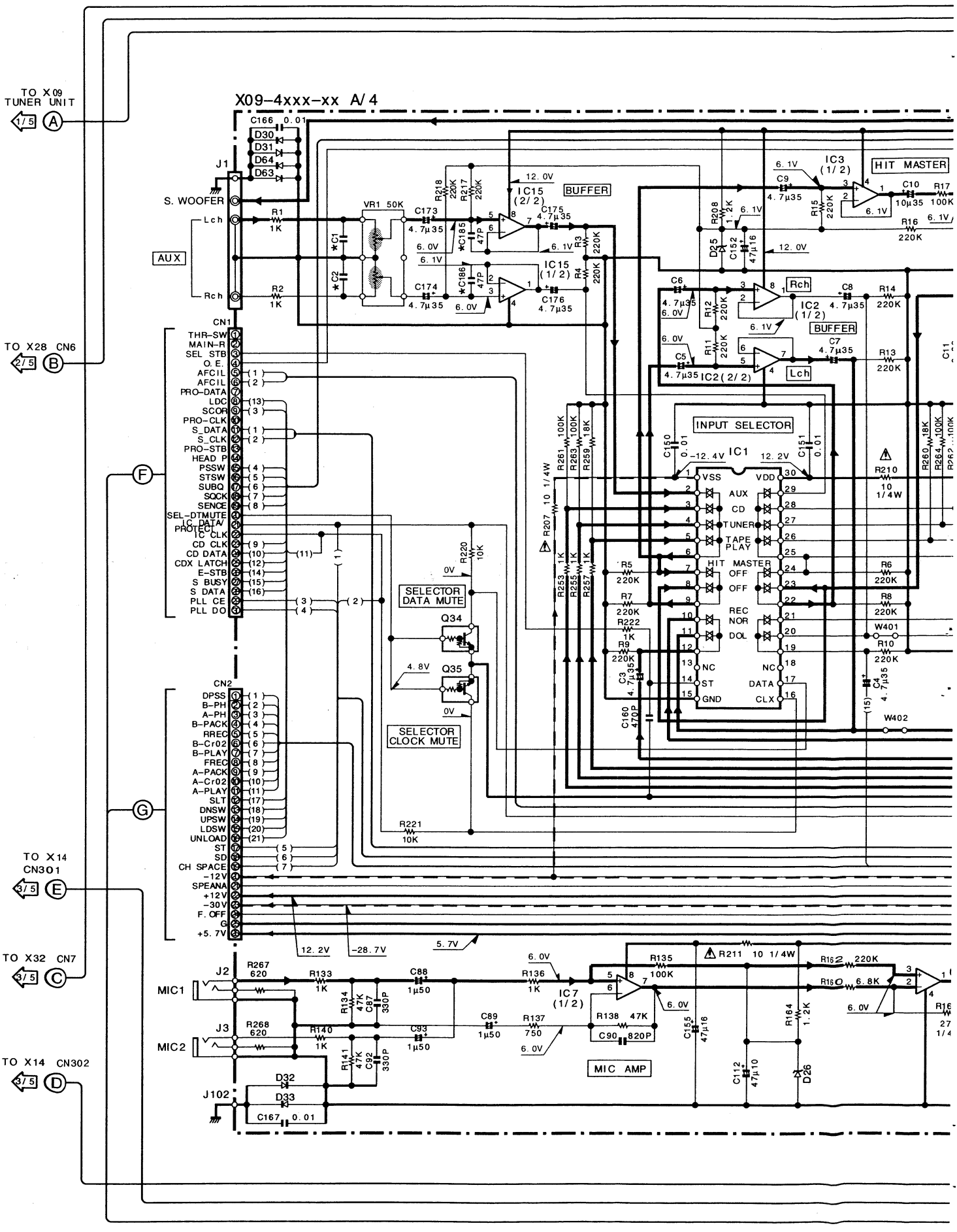
DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c doivent être mesurées avec un voltmétre á haute impédance Les valeurs peuvent différer légérement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U geringfügig.

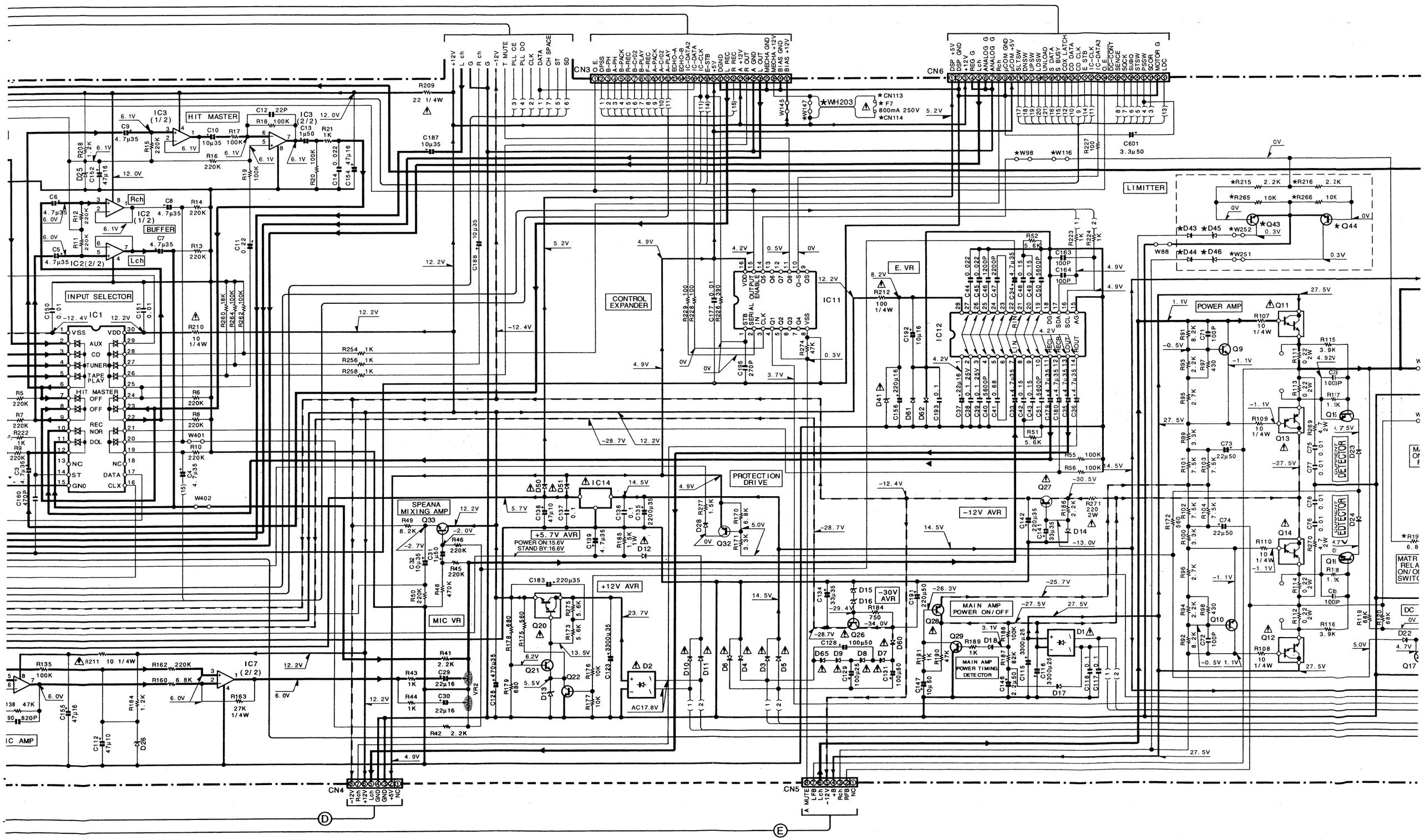
RXD-F2/F2L(3/5)(K)

RXD-F2/L
KENWOOD



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measure
Values may vary slightly du
instruments or/and units.



recommended
lectric shock,
ably insulated

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c doivent être mesurées avec un voltmétre á haute impédance Les valeurs peuvent différer légérement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U geringfügig.

X09-4xxx-xx

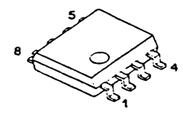
MODEL NAME	UNIT NO.	ABB	REF NO.	C81~84, C185, C186, L1, 2, R125, R126	W263, W264	WH101~ ~WH105, S1	CN113, C114, F7, WH203	W249	J5 E70-xxxx-05	F3, 4	F5	F6	D43~46	W147	C1, 2	C500 WH10
F2	4280-11	KV, RV, PV	D21, K3, Q19, 43, 44, R199~201, 205, R215, 216, 265, R266 W98, W116, 251	NO	NO	YES	NO	YES	NO	0032	5A 125V	1.25A 250V	2A 250V	NO	NO	220P	YES
	4200-11																
	4170-12	KH, RH, PH															
	4280-21	MV, YV		YES		YES	NO			0048	T4AL 250V	T1AL 250V	T1.6AL 250V	YES	YES		
	4200-21																
	4170-22	MH, YH															
	4283-01	CV															
	4203-01																
	4280-71	XV		NO		NO	NO	YES		0032				NO		470P	NO
	4200-71																
	4170-72	XH															
	4292-71	GV, EV						NO									
	4212-71																
	4182-71	GH, EH			YES	NO											
F2L	4210-51	TV															
	4180-52	TH															

IC1 : NJU7313AM
IC2, 15 : NJM4565M
IC3 : NJM4565D-D or XRA15218-DX
IC7 : NJM4565MD
IC11 : BU4094BCF
IC12 : TDA7345D
IC14 : TA78057S

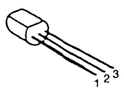
Q9, 10 : 2SC4137(V, W)
Q11, 12 : 2SD2493
Q13, 14 : 2SB1624
Q15, 16, 22, 33 : 2SC2458(Y,GR) or 2SC3311A(Q, R)
Q17, 18, 21 : 2SC4081(R, S)
Q19 : 2SC3246
Q20 : 2SD1893
Q26, 27 : 2SB1370 or 2SB
Q28 : 2SA954(L, K) 1375
Q29, 32 : 2SA1576(R, S)
Q30 : 2SC2003(L, K)
Q34, 35 : DTC124EU or UN5212
Q43, 44 : 2SC1845(F, E)

D1 : D3SBA20F03 or RBV-402LFA
D2 : KBPO2ML-6127
D3~9, 50, 60, 65 : S5688B or 1SR139-100
D10, 11, 17~19, 21, 23, 24, 28, 32, 33 36~39, 43, 44, 51 : 1SS131 or HSS104A
D12, 13 : HZS5.6N(B2) or RD5.6ES(B2)
D14, 15 : HZS13N(B2) or RD13ES(B2)
D16 : HZS16N(B2) or RD16ES(B2)
D22, 30, 31, 61~64 : MA111
D25, 26 : HZS6.2N(B2) or RD6.2ES(B2)
D41 : HZS8.2N(B2) or RD8.2ES(B2)
D45, 46 : RD13ES(B2) or HZS13N(B2)

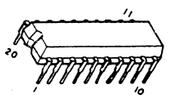
NJM4565M
NJM4565MD



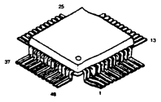
M5237L



MC13020P

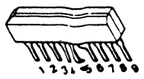


CXA1782BQ



UN5212

TA8125S
TA8409S



TO X14 A/3 CN1 (F) 5/5

TO X14 A/3 CN2 (G) 5/5

RXD-F2 M,Y TYPE

RXD-F2 K, R, P TYPE

RXD-F2/F2L X, E, T, G TYPE

SIGNAL LINE
GND LINE
+B LINE
-B LINE

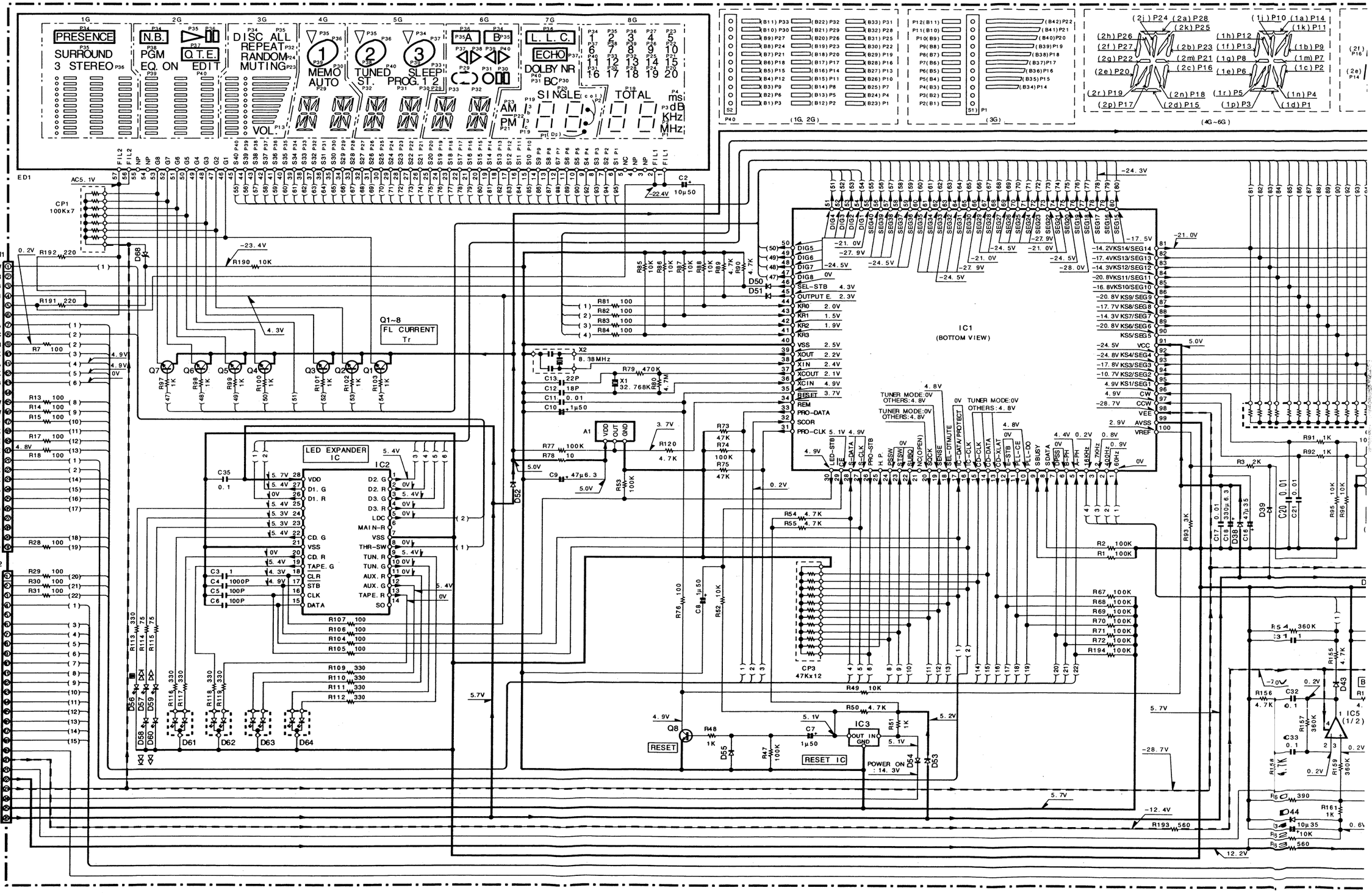
RXD-F2/F2L (4/5) (K)

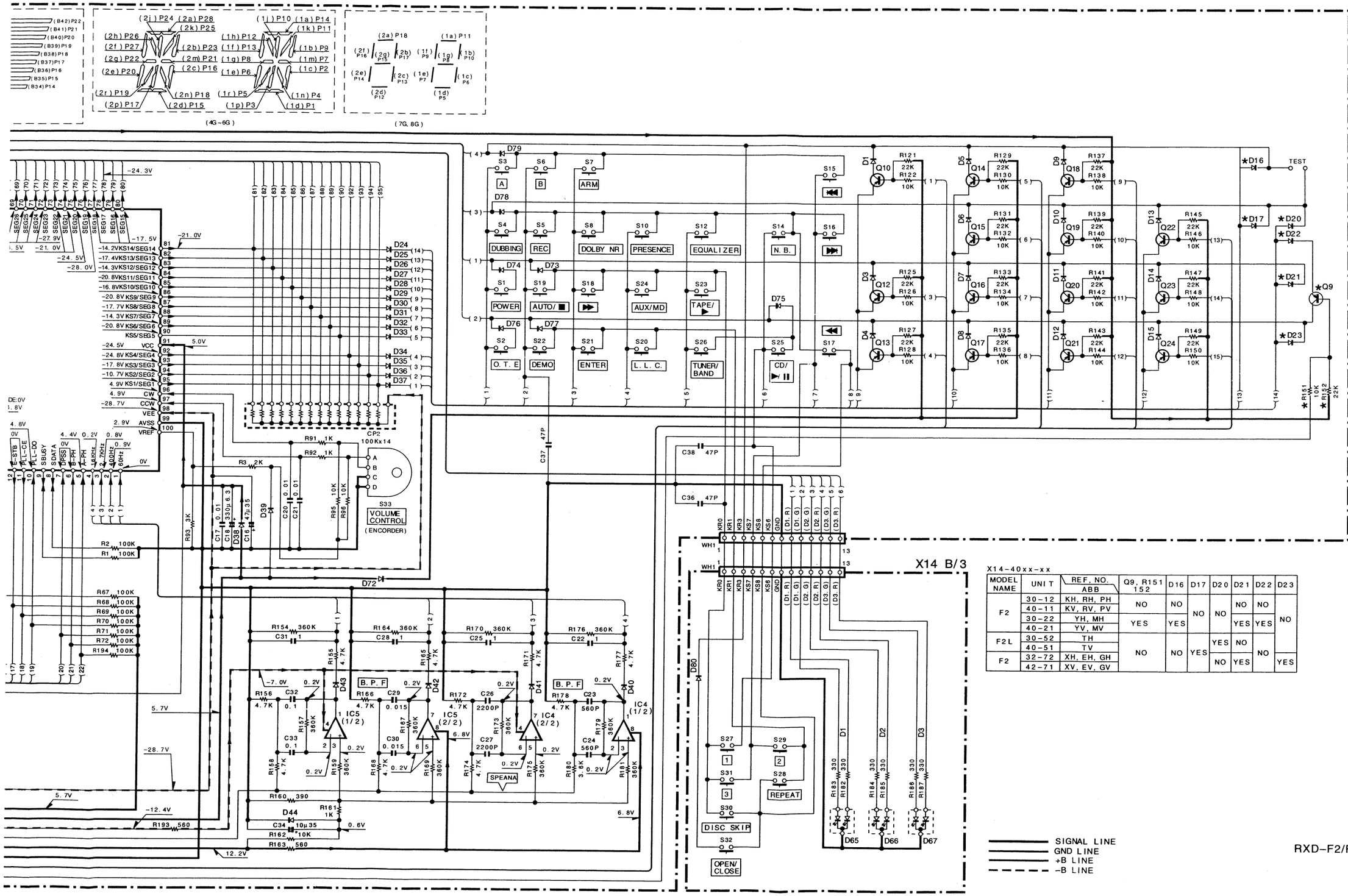
Y39-2150-11

RXD-F2/L

KENWOOD

X14-403X-XX A/3 DISPLAY UNIT





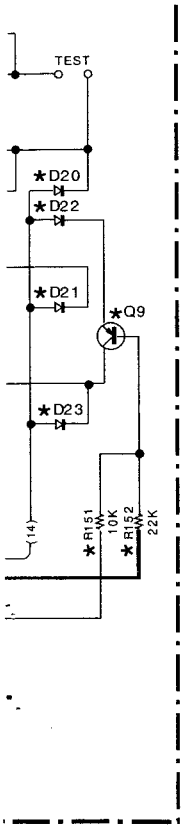
X14 A/3, B/3

IC1	: M38198MC-053FP
IC2	: NJU3718G
IC3	: S-806D-Z or PST993D-T
IC4, 5	: NJM4565D
Q1~8	: 2SC4081
Q9, 10, 12~24	: 2SA1576
D1, 3~15, 17, 20, 21, 23, 28~39, 44 50~55, 72 75~80	: 1SS131 or HSS104A
D16, 22, 24~27, 40~43, 73, 74	: MA111
D56~60	: B30-2462-05
D61~67	: B30-2476-05
D68	: RD5.1ES(B2) or HZS5.1N(B2)
ED1	: BJ344GK or FIP8AMW6R

X14-40xx-xx

MODEL NAME	UNIT	REF. NO. ABB	Q9, R151 152	D16	D17	D20	D21	D22	D23
F2	30-12	KH, RH, PH	NO	NO	NO	NO	NO	NO	NO
	40-11	KV, RV, PV							
	30-22	YH, MH	YES	YES			YES	YES	
	40-21	YV, MV							
F2L	30-52	TH	NO	NO	YES	YES	NO	NO	
	40-51	TV							
F2	32-72	XH, EH, GH				NO	YES		YES
	42-71	XV, EV, GV							

RXD-F2/F2L(5/5)(K)



X14 A/3, B/3

IC1	: M38198MC-053FP
IC2	: NJU3718G
IC3	: S-806D-Z or PST993D-T
IC4, 5	: NJM4565D
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Q9, 10, 12~24	: 2SA1576
D1, 3~15, 17, 20, 21, 23, 28~39, 44 50~55, 72 75~80	: 1SS131 or HSS104A
D16, 22, 24~27, 40~43, 73, 74	: MA111
D56~60	: B30-2462-05
D61~67	: B30-2476-05
D68	: RD5.1ES(B2) or HZS5.1N(B2)
ED1	: BJ344GK or FIP8AMW6R

D22	D23
NO	
ES	NO
NO	
	YES

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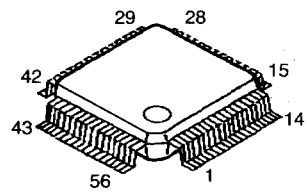
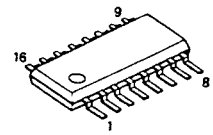
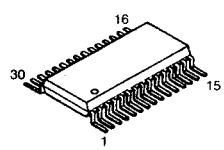
HA12182F



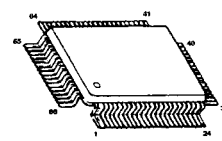
BU4094BCF



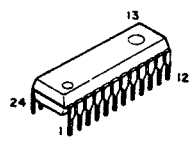
NJU7313AM



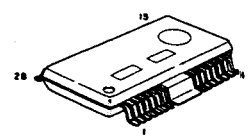
CXD2508AQ



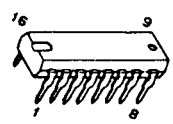
LC7218



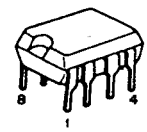
BA6398FP



BU4094BC



BA10393
XRA15218-DX



RXD-F2/F2L(5/5)(K)

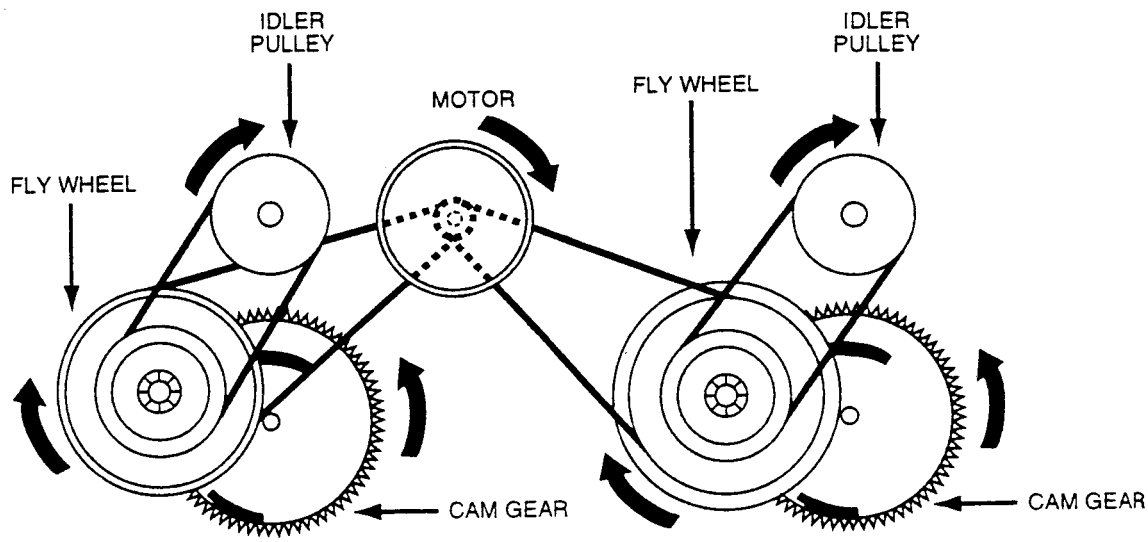
Y39-2150-11

RXD-F2/L

KENWOOD

CASSETTE MECHANISM DESCRIPTION

How to drive the double cassette deck with one motor

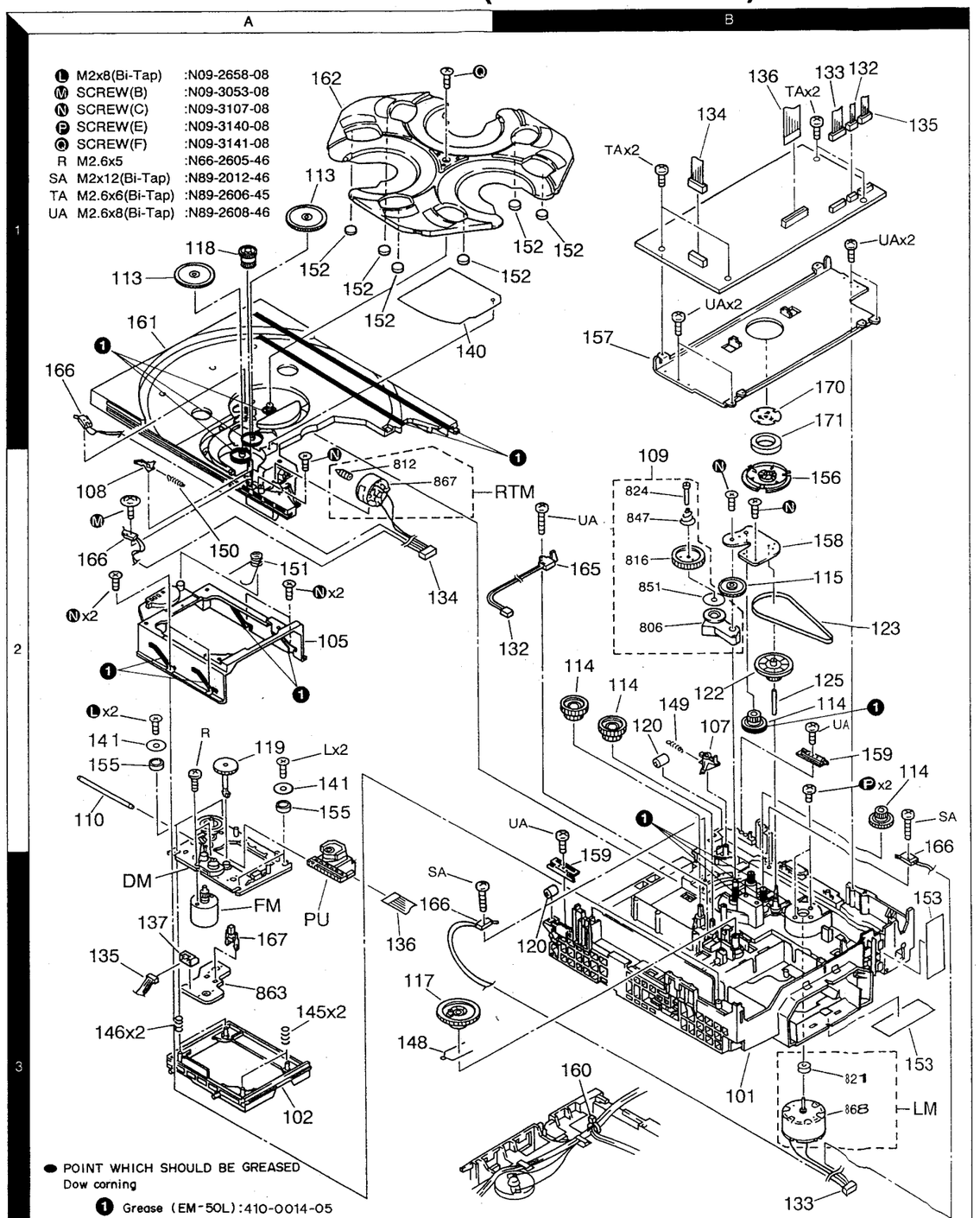


REAR VIEW

ONE MOTOR ONE WAY MECH (GT-2100W)

RXD-F2/L

EXPLODED VIEW(CD MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

RXD-F2/L RXD-F2/L

EXPLODED VIEW(CASSETTE DECK MECHANISM)

S	M2x5 Tap	:N09-1497-08
T	M2x6 Tap	:N09-2871-08
V	M2.6x6 (Bi-Tap)	:N09-3135-08
W	M2x3 Tap	:N09-3195-08
X	M2x8.5 Bi	:N09-3196-08
AA	POLY WS	:N19-1316-08
AB	NYLON WASHER	:N19-1354-08
AC	POLY WS	:N19-1288-08
AE	POLY WASHER	:N19-1385-08
AF	POLY WASHER	:N19-1386-08
AG	TEFRON WS	:N19-1387-08
AH	POLY WS	:N19-1388-08
AJ	M2.6x4 Bi	:N35-2604-46
AK	SCREW (PL)	:N09-2655-08

● POINT WHICH SHOULD BE GREASED
Dow corning
1 Grease (EM-30L):410-0013-05
2 E-Paste (Grease) :410-0015-05

GT-2100W

Parts with the exploded numbers larger than 700 are not supplied.

RXD-F2/L RXD-F2/L

EXPLODED VIEW(UNIT)

A	φ3x12	(Bi-Tap)		:N09-0333-05
B	φ2x6	(Bi-Tap)		:N09-2900-08
C	φ3x14	(Bi-Tap)		:N09-2907-05
D	φ3x8			:N82-3008-46
E	φ3x5	(Bi-Tap)	BLK	:N84-3005-46
F	φ4x6			:N86-4006-46
G	φ3x8	(Bi-Tap)	BLK	:N89-3008-45
H	φ3x8	(Bi-Tap)		:N89-3008-46
J	φ3x10	(Bi-Tap)	BLK	:N89-3010-45
TA	φ2.6x6	(Bi-Tap)	BLK	:N89-2606-45

Parts with the exploded numbers larger than 700 are not supplied.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

NO. 1

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
			RXD-F2/L			
601	1G	*	A01-3231-01	METALLIC CABINET		
603	2H		A09-0170-08	BATTERY CAVER		
606	2G	*	A21-1871-22	DRESSING PANEL (CD)		H
606	2G	*	A21-1874-22	DRESSING PANEL (CD)		V
607	2G	*	A29-0397-02	PANEL (CD TRY)		
608	3G	*	A53-1808-03	CASSETTE HOLDER ASSY (A DECK)		V
608	3G	*	A53-1837-13	CASSETTE HOLDER ASSY (A DECK)		H
610	3G	*	A53-1809-03	CASSETTE HOLDER ASSY (B DECK)		V
610	3G	*	A53-1839-13	CASSETTE HOLDER ASSY (B DECK)		H
612	3G	*	A53-1895-02	CASSETTE LID (A DECK)		V
612	3G	*	A53-1901-02	CASSETTE LID (A DECK)		H
613	3G	*	A53-1875-02	CASSETTE LID (B DECK)		H
613	3G	*	A53-1896-02	CASSETTE LID (B DECK)		V
615	2G	*	A60-0744-11	PANEL (FRONT)		H
615	2G	*	A60-0757-11	PANEL (FRONT)		V
616	1H	*	A70-1021-05	REMOTE CONTROLLER ASSY (RC-F2)		
620	3G	*	B10-2111-13	FRONT GLASS (A DECK)		H
620	3G	*	B10-2128-13	FRONT GLASS (A DECK)		V
621	3G	*	B10-2127-13	FRONT GLASS (B DECK)		H
621	3G	*	B10-2129-13	FRONT GLASS (B DECK)		V
622	3G	*	B10-2119-12	FRONT GLASS (RECEIVER)	T	H
622	3G	*	B10-2131-12	FRONT GLASS (RECEIVER)	T	V
622	3G	*	B10-2149-12	FRONT GLASS (RECEIVER)	KRPYMX	H
622	3G	*	B10-2149-12	FRONT GLASS (RECEIVER)	EG	H
622	2G	*	B10-2150-12	FRONT GLASS (RECEIVER)	KRPYMX	V
622	2G	*	B10-2150-12	FRONT GLASS (RECEIVER)	EGC	V
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0121-33	WARRANTY CARD	P	
-		*	B46-0307-23	WARRANTY CARD	KY	
-			B46-0310-03	WARRANTY CARD	TEG	
-		*	B46-0319-00	QUESTIONAIRE CARD	T	
-		*	B58-0964-13	CAUTION CARD (UL)	KRY	
-		*	B58-0965-13	CAUTION CARD (T,X)	XT	
-		*	B58-0966-13	CAUTION CARD (ELM)	MEC	
-		*	B58-0967-03	CAUTION CARD	P	
-		*	B58-0968-04	CAUTION CARD	Y	
-		*	B58-0970-13	CAUTION CARD	RG	
-		*	B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-2185-00	INSTRUCTION MANUAL (ENGLISH)	KRPT	
-		*	B60-2186-00	INSTRUCTION MANUAL (ENGLISH)	YMXC	
-		*	B60-2187-00	INSTRUCTION MANUAL (FRENCH)	PE	
-		*	B60-2188-00	INSTRUCTION MANUAL (GERMAN)	EG	
-		*	B60-2189-00	INSTRUCTION MANUAL (DUTCH)	E	
-		*	B60-2190-00	INSTRUCTION MANUAL (ITALAN)	E	
-		*	B60-2191-00	INSTRUCTION MANUAL (SPANISH)	RE	
-		*	B60-2192-10	INSTRUCTION MANUAL (CHINESE)	MC	
-		*	B60-2193-10	INSTRUCTION MANUAL (TAIWANESE)	MC	
-		*	B60-2257-00	INSTRUCTION MANUAL (SPANISH)	MC	
625	3H	*	D39-0322-05	DAMPER		
⚠ 630	1H		E03-0115-05	AC PLUG ADAPTER	MC	
⚠ 632	2H		E30-2787-05	AC POWER CORD	KRP	
⚠ 632	2H		E30-2788-05	AC POWER CORD	MEGC	

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NO. 2

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
⚠ 632	2H		E30-2789-05	AC POWER CORD	Y	
⚠ 632	1J		E30-2790-05	AC POWER CORD	X	
⚠ 632	1J		E30-2791-05	AC POWER CORD	T	
635	2I,1J	*	E35-1174-05	FLAT CABLE (33PIN)		
637	1J	*	F07-0757-03	COVER		
639	1J	*	F20-1432-04	INSULATING SHEET		
641	2H	*	G01-3810-24	TORSION COIL SPRING (A DECK)		
642	3H	*	G01-3811-24	TORSION COIL SPRING (B DECK)		
643	3G	*	G02-1057-14	FLAT SPRING		
645	2J	*	G11-2239-14	CUSHION	KRPY	
-		*	H10-7047-12	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-7048-12	POLYSTYRENE FOAMED FIXTURE		
-			H13-0086-04	CARTON BOARD		
-			H25-0632-24	PROTECTION BAG	KRPYMX	
-			H25-0632-24	PROTECTION BAG	EGC	
-			H25-0644-04	PROTECTION BAG (0632 PRINTED)	T	
-			H25-1509-04	PROTECTION BAG	MC	
-			H25-1536-04	PROTECTION BAG	KRPYXT	
-			H25-1536-04	PROTECTION BAG	EGC	
-		*	H50-1471-04	ITEM CARTON CASE	KPYC	
-		*	H50-1472-04	ITEM CARTON CASE	MX	
-		*	H50-1473-04	ITEM CARTON CASE	T	
-		*	H50-1482-04	ITEM CARTON CASE	REG	
647	1J		J19-2808-05	HOLDER	MC	
648	1H		J19-3645-05	LOOP ANTENNA STAND		
⚠ 660	1J		J42-0083-05	POWER CORD BUSHING		
661	3G		K29-6033-04	KNOB (MIC MIXING)		
662	2H	*	K29-6138-02	KNOB (DUBB.,REC,ARM)		H
662	2H	*	K29-6166-02	KNOB (DUBB.,REC,ARM)		V
663	2H	*	K29-6139-12	KNOB (TUNING,P.CALL)		H
663	2H	*	K29-6167-12	KNOB (TUNING,P.CALL)		V
664	2G	*	K29-6140-13	KNOB (DISC SELECTOR)		H
664	2G	*	K29-6168-13	KNOB (DISC SELECTOR)		V
665	2H	*	K29-6141-13	KNOB (INPUT SELECTOR)		H
665	2H	*	K29-6169-13	KNOB (INPUT SELECTOR)		V
666	3G	*	K29-6142-14	KNOB (EJECT A)		H
666	3G	*	K29-6170-14	KNOB (EJECT A)		V
667	3H	*	K29-6143-14	KNOB (EJECT B)		H
667	3H	*	K29-6171-14	KNOB (EJECT B)		V
668	2G	*	K29-6149-14	KNOB (VOLUME CONTROL)		
⚠ 670	3J	*	L07-1919-05	POWER TRANSFORMER	KRP	
⚠ 670	3J	*	L07-1920-05	POWER TRANSFORMER	TEG	
⚠ 670	3J	*	L07-1921-05	POWER TRANSFORMER	X	
⚠ 670	3J	*	L07-1923-05	POWER TRANSFORMER	YMC	
B			N09-2900-08	BINDING TAPPING SCREW (2X6)		
673	1H		T90-0182-15	LEAD WIRE ANTENNA		
673	1H		T90-0801-05	LEAD WIRE ANTENNA		
674	1G		T90-0195-05	LOOP ANTENNA		
675	1G		T90-0198-05	ANTENNA ADAPTOR	TEG	
			AUDIO UNIT TUNER(X09-) : K,R,P,Y,M,X type			
C301,302			CK73FB1H103K	CHIP C 0.010UF K		

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NO. 3

Ref. No.	Add-ress	New Parts	Parts No.	Description			Desti-nation	Re-marks
C304			CE04LW1A470M	ELECTRO	47UF	10WV		
C305			CK73FB1H103K	CHIP C	0.010UF	K		
C308			CK73FB1H103K	CHIP C	0.010UF	K		
C310			CC73FSL1H102J	CHIP C	1000PF	J		
C311			CE04LW1H4R7M	ELECTRO	4.7UF	50WV		
C313			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C314			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C321,322			CQ93FMG1H163J	MYLAR	0.016UF	J	YMX	
C321,322			CQ93FMG1H243J	MYLAR	0.024UF	J	KRP	
C323			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C324			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C325			CE04LW1V100M	ELECTRO	10UF	35WV		
C327			CK73FB1E473K	CHIP C	0.047UF	K		
C328			CE04LW1V100M	ELECTRO	10UF	35WV		
C331			CE04LW1A470M	ELECTRO	47UF	10WV		
C332			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C333			CC73FCH1H270J	CHIP C	27PF	J		
C334			CC73FCH1H220J	CHIP C	22PF	J		
C335-338			CK73FB1H471K	CHIP C	470PF	K		
C339			CE04LW1C470M	ELECTRO	47UF	16WV		
C340			CK73FB1H223K	CHIP C	0.022UF	K		
C341			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C342,343			CK73FB1H103K	CHIP C	0.010UF	K		
C350			C91-0769-05	CERAMIC	0.010UF	K		
C351			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C352			CE04LW1C470M	ELECTRO	47UF	16WV		
C355			CK73FB1E104K	CHIP C	0.10UF	K		
C357			CC73FSL1H220J	CHIP C	22PF	J		
C361			CK73FB1H103K	CHIP C	0.010UF	K		
C362			CE04LW1C101M	ELECTRO	100UF	16WV		
C365			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C366			CC73FSL1H102J	CHIP C	1000PF	J		
C371			CE04LW1V100M	ELECTRO	10UF	35WV		
C372			CE04LW1C470M	ELECTRO	47UF	16WV		
C403-406			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C407			CK73FB1E473K	CHIP C	0.047UF	K		
C412			CC73FSL1H101J	CHIP C	100PF	J		
C414			CK73FB1H681K	CHIP C	680PF	K		
C417			CK73FB1H681K	CHIP C	680PF	K		
C418			CK73FB1H103K	CHIP C	0.010UF	K		
C419			CC73FSL1H101J	CHIP C	100PF	J		
C421,422			CE04LW1C470M	ELECTRO	47UF	16WV		
C423			CC45FSL1H101J	CERAMIC	100PF	J		
C424			CC73FSL1H102J	CHIP C	1000PF	J		
C435,436			CQ93FMG1H682J	MYLAR	6800PF	J	YM	
C482			CC73FSL1H150J	CHIP C	15PF	J		
J301			E70-0051-05	LOCK TERMINAL BOARD				
CF301,302			L72-0531-05	CERAMIC FILTER				
CF303			L72-0574-05	CERAMIC FILTER				
L307			L30-0911-05	AM IFT				
L310			L40-1091-17	SMALL FIXED INDUCTOR				
L311			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)				
L312			L40-1091-17	SMALL FIXED INDUCTOR				

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NO. 4

Ref. No.	Add-ress	New Parts	Parts No.	Description				Desti-nation	Re-marks
L403			L39-1328-05	COMBINATION COIL					
L406			L40-1091-17	SMALL FIXED INDUCTOR					
X301		*	L77-2148-05	CRYSTAL RESONATOR(7.2MHz)					
X302			L78-0295-05	RESONATOR (456kHz)					
R301			RK73FB2A681J	CHIP R	680	J	1/10W		
R302			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R303			RK73FB2A331J	CHIP R	330	J	1/10W		
R304			RK73FB2A470J	CHIP R	47	J	1/10W		
R306			RK73FB2A331J	CHIP R	330	J	1/10W		
⚠ R311			RD14NB2E101J	RD	100	J	1/4W		
R315			RK73FB2A391J	CHIP R	390	J	1/10W		
R319			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R321,322			RK73FB2A393J	CHIP R	39K	J	1/10W		
R331			RS14KB3D221J	FL-PROOF RS	220	J	2W		
R336,337			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R338			RK73FB2A221J	CHIP R	220	J	1/10W		
R339			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R340			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
⚠ R342			RD14NB2E101J	RD	100	J	1/4W		
R343			RK73FB2A103J	CHIP R	10K	J	1/10W		
R352			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R364			RK73FB2A104J	CHIP R	100K	J	1/10W		
R401,402			RK73FB2A333J	CHIP R	33K	J	1/10W		
R405,406			RK73FB2A123J	CHIP R	12K	J	1/10W		
⚠ R411			RD14NB2E331J	RD	330	J	1/4W		
R418			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R419			RK73FB2A123J	CHIP R	12K	J	1/10W		
R422			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R423			RK73FB2A123J	CHIP R	12K	J	1/10W		
R424			RK73FB2A103J	CHIP R	10K	J	1/10W		
R425,426			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
⚠ R427,428			RD14NB2E101J	RD	100	J	1/4W		
R431,432			RK73FB2A393J	CHIP R	39K	J	1/10W		
R438,439			RK73FB2A561J	CHIP R	560	J	1/10W	YM	
R440,441			RK73FB2A473J	CHIP R	47K	J	1/10W	YM	
R451			RK73FB2A911J	CHIP R	910	J	1/10W		
R452			RK73FB2A473J	CHIP R	47K	J	1/10W		
R453			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R457			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R467			RK73FB2A104J	CHIP R	100K	J	1/10W		
W401,402			R92-0679-05	CHIP R	0 OHM				
W403			R92-0670-05	CHIP R	0 OHM				
W404,405			R92-0679-05	CHIP R	0 OHM				
W406			R92-0670-05	CHIP R	0 OHM				
W407			R92-0679-05	CHIP R	0 OHM				
W408			R92-0670-05	CHIP R	0 OHM				
W409			R92-0679-05	CHIP R	0 OHM				
W410			R92-0670-05	CHIP R	0 OHM				
W411			R92-0679-05	CHIP R	0 OHM				
W412			R92-0670-05	CHIP R	0 OHM				
S301			S62-0034-05	SLIDE SWITCH				YM	
D303			HZS5.1N(B2)	ZENER DIODE					
D303			RD5.1ES(B2)	ZENER DIODE					

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NO. 5

Ref. No.	Add-ress	New Parts	Parts No.	Description			Desti-nation	Re-marks
D304			HZS3.3N(B2)	ZENER DIODE				
D304			RD3.3ES(B2)	ZENER DIODE				
D307,308			HSS104	DIODE				
D307,308			1SS133	DIODE				
D311			HZS5.6N(B2)	ZENER DIODE				
D311			RD5.6ES(B2)	ZENER DIODE				
D411,412			HSS104	DIODE				
D411,412			1SS133	DIODE				
IC301			LA1831A-KEN	ANALOGUE IC				
IC302			LC7218	IC(PLL FREQUENCY SYNTHESIZER)				
IC312			NJM4565D	IC(OP AMP X2)				
Q301			2SC2714(R,O)	TRANSISTOR				
Q302			2SC1845(F,E)	TRANSISTOR				
Q303			2SC2458(Y,GR)	TRANSISTOR				
Q303			2SC3311A(Q,R)	TRANSISTOR				
Q307			2SC2412K	TRANSISTOR				
Q311			2SD863(E,F)	TRANSISTOR				
Q402			2SA1037K	TRANSISTOR				
Q404			2SA1037K	TRANSISTOR				
Q407,408			2SC2412K	TRANSISTOR			YM	
Q409,410			2SD1757K	TRANSISTOR				
Q411			2SA1037K	TRANSISTOR				
A301			W02-2520-05	FM FRONT-END ASSY				H
A301			W02-2525-05	FM FRONT-END ASSY				V
AUDIO UNIT TUNER (X09-) : T,E,G type								
C301,302			CK73FB1H103K	CHIP C	0.010UF	K		
C303			CE04LW1V100M	ELECTRO	10UF	35WV		
C304			CK73FB1E473K	CHIP C	0.047UF	K		
C305			CE04LW1V100M	ELECTRO	10UF	35WV		
C306			CK73FB1E473K	CHIP C	0.047UF	K		
C307			CE04LW1V100M	ELECTRO	10UF	35WV		
C308			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C309			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C310			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C311			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C312			CK73FB1E473K	CHIP C	0.047UF	K		
C313			CC73FCH1H220J	CHIP C	22PF	J		
C314			CE04LW1A101M	ELECTRO	100UF	10WV		
C315			CK73FB1H472K	CHIP C	4700PF	K		
C316			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C317,318			CE04LW1V100M	ELECTRO	10UF	35WV		
C319,320			CQ93FMG1H223J	MYLAR	0.022UF	J		
C322			CK73FB1H102K	CHIP C	1000PF	K		
C323,324			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C325,326			CK45FB1H471K	CERAMIC	470PF	K		
C327			CK73FB1E473K	CHIP C	0.047UF	K		
C328			CC45FSL1H150J	CERAMIC	15PF	J		
C330			CE04LW1C470M	ELECTRO	47UF	16WV		
C331			CK45FF1H473Z	CERAMIC	0.047UF	Z		
C332			CK73FB1H103K	CHIP C	0.010UF	K		
C333			CC73FCH1H270J	CHIP C	27PF	J		
C334			CC73FCH1H220J	CHIP C	22PF	J		
C335-338			CK73FB1H471K	CHIP C	470PF	K		

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NO.6

Ref. No.	Add-ress	New Parts	Parts No.	Description				Desti-nation	Re-marks
C339			CE04LW1C470M	ELECTRO	47UF	16WV			
C340			CQ93FMG1H223J	MYLAR	0.022UF	J			
C341			CE04LW1H2R2M	ELECTRO	2.2UF	50WV			
C342,343			CK73FB1H103K	CHIP C	0.010UF	K			
C344			CE04LW1A470M	ELECTRO	47UF	10WV			
C345			CE04LW1C470M	ELECTRO	47UF	16WV			
C346			CE04LW1H010M	ELECTRO	1.0UF	50WV			
C347			CK73FB1H103K	CHIP C	0.010UF	K			
C348			CE04LW1H010M	ELECTRO	1.0UF	50WV			
C349			CK73FB1H103K	CHIP C	0.010UF	K			
C354			CE04LW1C470M	ELECTRO	47UF	16WV			
C356			CC73FCH1H060D	CHIP C	6.0PF	D			
C357			CC73FCH1H220J	CHIP C	22PF	J			
C358			CK73FB1E473K	CHIP C	0.047UF	K			
C359			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C360			CC73FSL1H101J	CHIP C	100PF	J			
C361			C91-0745-05	CERAMIC	100PF	K			
C362			CC45FSL1H020C	CERAMIC	2.0PF	C			
C363			CK73FB1H103K	CHIP C	0.010UF	K			
C364			CC45FSL1H101J	CERAMIC	100PF	J			
C365			CK73FB1H103K	CHIP C	0.010UF	K			
J301			E70-0052-05	LOCK TERMINAL BOARD					
CF301,302			L72-0536-05	CERAMIC FILTER					
L303			L30-0910-05	FM IFT					
L306			L39-1325-05	COMBINATION COIL				T	
L306			L39-1328-05	COMBINATION COIL				EG	
L307			L30-0911-05	AM IFT					
L308,309			L40-1091-17	SMALL FIXED INDUCTOR					
L311			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)					
X301			L77-2148-05	CRYSTAL RESONATOR(7.2MHz)					
X302			L78-0295-05	RESONATOR (456kHz)					
R301			RK73FB2A681J	CHIP R	680	J	1/10W		
R302			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R303			RK73FB2A331J	CHIP R	330	J	1/10W		
R304			RK73FB2A100J	CHIP R	10	J	1/10W		
R306			RK73FB2A331J	CHIP R	330	J	1/10W		
R307			RK73FB2A392J	CHIP R	3.9K	J	1/10W		
R311			RK73FB2A562J	CHIP R	5.6K	J	1/10W		
R312			RK73FB2A302J	CHIP R	3.0K	J	1/10W		
R313			RK73FB2A333J	CHIP R	33K	J	1/10W		
R316			RK73FB2A104J	CHIP R	100K	J	1/10W		
R317			RK73FB2A392J	CHIP R	3.9K	J	1/10W		
R318			RK73FB2A333J	CHIP R	33K	J	1/10W		
R331			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R336,337			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R340			RK73FB2A471J	CHIP R	470	J	1/10W		
⚠ R342			RD14NB2E101J	RD	100	J	1/4W		
R343			RK73FB2A103J	CHIP R	10K	J	1/10W		
R358			RK73FB2A104J	CHIP R	100K	J	1/10W		
R359			RK73FB2A122J	CHIP R	1.2K	J	1/10W	T	
R360			RK73FB2A123J	CHIP R	12K	J	1/10W	T	
R361			RK73FB2A122J	CHIP R	1.2K	J	1/10W		

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NO. 7

Ref. No.	Address	New Parts	Parts No.	Description				Destination	Remarks
R362			RK73FB2A123J	CHIP R	12K	J	1/10W		
R363			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R364			RK73FB2A123J	CHIP R	12K	J	1/10W		
R372			RK73FB2A122J	CHIP R	1.2K	J	1/10W	T	
R373			RK73FB2A223J	CHIP R	22K	J	1/10W	T	
R374			RK73FB2A123J	CHIP R	12K	J	1/10W	T	
R375			RK73FB2A182J	CHIP R	1.8K	J	1/10W	T	
R376			RK73FB2A104J	CHIP R	100K	J	1/10W	T	
⚠ R378			RD14NB2E470J	RD	47	J	1/4W		
R379			RS14KB3D221J	FL-PROOF RS	220	J	2W		
R381			RK73FB2A563J	CHIP R	56K	J	1/10W		
D301,302			HSS104	DIODE					
D301,302			1SS133	DIODE					
D303			HZS5.1N(B2)	ZENER DIODE					
D303			RD5.1ES(B2)	ZENER DIODE					
D304			HZS8.2N(B2)	ZENER DIODE					
D304			RD8.2ES(B2)	ZENER DIODE					
D305			HSS104	DIODE					
D305			1SS133	DIODE					
D306			HZS3.3N(B2)	ZENER DIODE					
D306			RD3.3ES(B2)	ZENER DIODE					
D310			HSS104	DIODE				T	
D310			1SS133	DIODE				T	
IC301			LA1836	ANALOGUE IC					
IC302			LC7218	IC(PLL FREQUENCY SYNTHESIZER)					
Q301			2SC2714(R,O)	TRANSISTOR					
Q302			2SC1845(F,E)	TRANSISTOR					
Q303			2SC4081(R,S)	TRANSISTOR					
Q305			2SC1740S(Q,R)	TRANSISTOR					
Q305			2SC2458(Y,GR)	TRANSISTOR					
Q305			2SC2785(F,E)	TRANSISTOR					
Q305			2SC3311A(Q,R)	TRANSISTOR					
Q306			2SA1576(R,S)	TRANSISTOR				T	
Q307,308			2SA1576(R,S)	TRANSISTOR					
Q309			2SD863(E,F)	TRANSISTOR					
Q310			2SA1048(Y,GR)	TRANSISTOR					
Q310			2SA1175(F,E)	TRANSISTOR					
Q310			2SA1309A(Q,R)	TRANSISTOR					
Q310			2SA933S(Q,R)	TRANSISTOR					
Q311,312			2SD1302(S,T)	TRANSISTOR					
Q311,312			2SD1450(S,T)	TRANSISTOR					
Q313-315			2SC4081(R,S)	TRANSISTOR				T	
A301			W02-2509-05	FM FRONT-END ASSY					H
A301			W02-2526-05	FM FRONT-END ASSY					V
AUDIO UNIT (X09-)									
C1,2			CC73FSL1H221J	CHIP C	220PF	J		KRPYMX	
C1,2			CC73FSL1H471J	CHIP C	470PF	J		TEG	
C3-9			CE04LW1V4R7M	ELECTRO	4.7UF	35WV			
C10			CE04LW1V100M	ELECTRO	10UF	35WV			
C11			CE04LW1HR22M	ELECTRO	0.22UF	50WV			
C12			CC45FSL1H220J	CERAMIC	22PF	J			
C13			CE04LW1H010M	ELECTRO	1.0UF	50WV			

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NO.8

Ref. No.	Address	New Parts	Parts No.	Description			Destination	Remarks
C14			CQ93FMG1H223J	MYLAR	0.022UF	J		
C29,30			CE04LW1C220M	ELECTRO	22UF	16WV		
C31			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C32			CE04LW1V100M	ELECTRO	10UF	35WV		
C33-36			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C37			CE04LW1C220M	ELECTRO	22UF	16WV		
C38,39			CK73FB1E104K	CHIP C	0.10UF	K		
C40			CK73FB1H562K	CHIP C	5600PF	K		
C41			CF92FV1H684J	MF-C	0.68UF	J		
C42,43			CK73FF1E154Z	CHIP C	0.15UF	Z		
C44,45			CK73FB1H223K	CHIP C	0.022UF	K		
C46			CQ93FMG1H122J	MYLAR	1200PF	J		
C47			CK73FB1H222K	CHIP C	2200PF	K		
C48,49			CK73FF1E154Z	CHIP C	0.15UF	Z		
C50,51			CK73FB1H562K	CHIP C	5600PF	K		
C71,72			CC45FSL1H101J	CERAMIC	100PF	J		
C73,74		*	C90-3413-05	ELECTRO	22μF	50WV		
C75-78			CQ93FMG1H103J	MYLAR	0.010UF	J		
C79,80			CK45FB1H102K	CERAMIC	1000PF	K		
C81,82			CK45FB1H102K	CERAMIC	1000PF	K	TEG	
C83,84			CQ93FMG1H153J	MYLAR	0.015UF	J	TEG	
C87			CC45FSL1H331J	CERAMIC	330PF	J		
C88,89			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C90			CK45FB1H821K	CERAMIC	820PF	K		
C92			CC45FSL1H331J	CERAMIC	330PF	J		
C93			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C112			CE04LW1A470M	ELECTRO	47UF	10WV		
C114			CE04LW1C470M	ELECTRO	47UF	16WV		
C115,116		*	C90-3585-05	ELECTRO	3300UF	25WU		
C117,118			CQ93FMG1H104J	MYLAR	0.10UF	J		
C123			CE04LW1V332M	ELECTRO	3300UF	35WV		
C125			CE04LW1V471M	ELECTRO	470UF	35WV		
C128			CE04LW1H101M	ELECTRO	100UF	50WV		
C129			CE04LW1E101M	ELECTRO	100UF	25WV		
C131			CE04LW1H101M	ELECTRO	100UF	50WV		
C134			CE04LW1V330M	ELECTRO	33UF	35WV		
C135			CE04LW1V222M	ELECTRO	2200UF	35WV		
C136,137			CQ93FMG1H104J	MYLAR	0.10UF	J		
C138			CE04LW1A470M	ELECTRO	47UF	10WV		
C139			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C141			CE04LW1V330M	ELECTRO	33UF	35WV		
C142			CE04LW1V221M	ELECTRO	220UF	35WV		
⚠ C144			C91-1488-05	MF	6800PF	250VAC		
C146			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C147			CE04LW1H100M	ELECTRO	10UF	50WV		
C150,151			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C152			CE04LW1C470M	ELECTRO	47UF	16WV		
C154,155			CE04LW1C470M	ELECTRO	47UF	16WV		
C156			CE04LW1C221M	ELECTRO	220UF	16WV		
C160			CK73FB1H471K	CHIP C	470PF	K		
C163,164			CC73FSL1H101J	CHIP C	100PF	J		
C166,167			CK73FB1H103K	CHIP C	0.010UF	K		
C170			CK73FB1H103K	CHIP C	0.010UF	K		
C171			CK45FF1H103Z	CERAMIC	0.010UF	Z		

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RXD-F2/L

PARTS LIST

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NO. 9

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
C173-176			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C177			CK73FB1H103K	CHIP C 0.010UF K		
C179,180			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C183			CE04LW1V221M	ELECTRO 220UF 35WV		
C185,186			CC73FSL1H470J	CHIP C 47PF J	TEG	
C187,188			CE04LW1V100M	ELECTRO 10UF 35WV		
C191			CE04LW1H221M	ELECTRO 220UF 50WV		
C192			CE04LW1C100M	ELECTRO 10UF 16WV		
C193			CK73FB1E104K	CHIP C 0.10UF K		
C195			C91-0750-05	CERAMIC 270PF K		
C500			CK45FB1H102K	CERAMIC 1000PF K	KRPYM	
C601			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
CN1			E40-4804-05	SOCKET FOR PIN ASSY		
CN2		✱	E40-4858-05	SOCKET FOR PIN ASSY		
CN3			E40-4796-05	PIN ASSY		
CN4,5			E40-4809-05	PIN ASSY		
CN6	2I	✱	E40-4920-05	FLAT CABLE CONNCTOR		
CN202			E40-4245-05	PIN ASSY		
J1	3I		E63-0096-05	PHONO JACK S.W/AUX INPUT		V
J1	3I	✱	E63-0144-05	PHONO JACK S.W/AUX INPUT		H
J2,3	3I	✱	E11-0283-05	MINIATURE PHONE JACK MIC1/MIC2		
J4	3H	✱	E11-0280-05	PHONE JACK PHONES		H
J4	3H	✱	E11-0282-05	PHONE JACK PHONES		V
J5	3I	✱	E70-0032-05	LOCK TERMINAL BOARD (4P)	KRPX	
J5	3I	✱	E70-0032-05	LOCK TERMINAL BOARD (4P)	TEG	
J5	3I	✱	E70-0048-05	LOCK TERMINAL BOARD (8P)	YM	
⚠ F1	2J		F05-4028-05	FUSE (UL) (125V 4A)	KRP	
⚠ F1,2	2J,3J		F06-2021-05	FUSE (SEMKO) (250V T2AL)	YM	
⚠ F3,4	3J		F04-5022-05	FUSE (UL) (125V 5A UL)	KRP	
⚠ F3,4	3J		F05-4025-05	FUSE (SEMKO) (250V T4A L)	YMXTEG	
⚠ F5	3J		F06-1022-05	FUSE (SEMKO) (250V T1AL)	YMXTEG	
⚠ F5	3J		F06-1222-05	FUSE (UL) (250V 1.25A)	KRP	
⚠ F6	3J		F04-2025-05	FUSE (UL) (250V 2A)	KRP	
⚠ F6	3J		F05-1623-05	FUSE (SEMKO) (250V T1.6AL)	YMXTEG	
⚠ F7	3J		F50-0062-05	FUSE(5X20)	KRP	
-			J61-0307-05	WIRE BAND		
CN101-108			J13-0075-05	FUSE CLIP		
CN109-112			J13-0075-05	FUSE CLIP	YM	
CN111-114			J13-0075-05	FUSE CLIP	KRP	
L1,2			L39-0085-05	PHASE COMPENSATION COIL	TEG	
R1			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R4-7			RK73FB2A224J	CHIP R 220K J 1/10W		
R8			RK73EB2B224J	CHIP R 220K J 1/8W		
R9-12			RK73FB2A224J	CHIP R 220K J 1/10W		
R14			RK73FB2A224J	CHIP R 220K J 1/10W		
R43,44			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R51,52			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R55,56			RK73FB2A104J	CHIP R 100K J 1/10W		
R107-110			RD14NB2E100J	RD 10 J 1/4W		
R111-114			RS14KB3DR22J	FL-PROOF RS 0.22 J 2W		
R121-124			RD14NB2E681J	CHIP R 68K J 1/8W RD 680 J 1/4W		
R125,126			RD14NB2E4R7J	RD 4.7 J 1/4W	TEG	

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NO. 10

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
R170			RK73FB2A682J	CHIP R 6.8K J 1/10W		
R171			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R172			RK73FB2A561J	CHIP R 560 J 1/10W		
R173			RK73EB2B562J	CHIP R 5.6K J 1/8W		
R176,177			RK73EB2B103J	CHIP R 10K J 1/8W		
R178,179			RK73EB2B681J	CHIP R 680 J 1/8W		
R185			RS14KB3A152J	FL-PROOF RS 1.5K J 1W		
R187			RK73FB2A823J	CHIP R 82K J 1/10W		
R188			RK73FB2A104J	CHIP R 100K J 1/10W		
R189			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R190			RK73FB2A473J	CHIP R 47K J 1/10W		
R191			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R192			RK73FB2A103J	CHIP R 10K J 1/10W		
R194			RK73FB2A103J	CHIP R 10K J 1/10W		
R195			RS14KB3D330J	FL-PROOF RS 33 J 2W		
R199			RK73FB2A682J	CHIP R 6.8K J 1/10W	YM	
⚠ R201			RS14KB3A330J	FL-PROOF RS 33 J 1W	YM	
⚠ R207			RD14NB2E100J	RD 10 J 1/4W		
⚠ R209			RD14NB2E220J	RD 22 J 1/4W		
⚠ R210,211			RD14NB2E100J	RD 10 J 1/4W		
⚠ R212			RD14NB2E101J	RD 100 J 1/4W		
R215,216			RK73FB2A222J	CHIP R 2.2K J 1/10W	YM	
R217,218			RK73FB2A224J	CHIP R 220K J 1/10W		
R220			RK73FB2A103J	CHIP R 10K J 1/10W		
R221			RK73EB2B103J	CHIP R 10K J 1/8W		
R226			RK73FB2A391J	CHIP R 390 J 1/10W		
R228			RK73FB2A101J	CHIP R 100 J 1/10W		
R254			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R256			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R258			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R259			RK73EB2B183J	CHIP R 18K J 1/8W		
R261-263			RK73FB2A104J	CHIP R 100K J 1/10W		
R265,266			RK73FB2A103J	CHIP R 10K J 1/10W	YM	
R269,270			RS14KB3D4R7J	FL-PROOF RS 4.7 J 2W		
⚠ R271			RS14KB3D221J	FL-PROOF RS 220 J 2W		
⚠ R273			R92-1769-05	CARBON 3.3M J 1/2W	KRP	
R274			RK73FB2A473J	CHIP R 47K J 1/10W		
VR1			R31-0002-05	VARIABLE RESISTOR		
VR2			R31-0028-05	VARIABLE RESISTOR		
W501-504			R92-0670-05	CHIP R 0 OHM	KRPYMX	
W501-505			R92-0670-05	CHIP R 0 OHM	TEG	
W512			R92-0679-05	CHIP R 0 OHM	EG	
W512,513			R92-0679-05	CHIP R 0 OHM	T	
W516			R92-0670-05	CHIP R 0 OHM	TEG	
W518-522			R92-0670-05	CHIP R 0 OHM	EG	
W521			R92-0670-05	CHIP R 0 OHM	T	
⚠ K1			S51-2094-05	MAGNETIC RELAY		
K3			S51-2093-05	MAGNETIC RELAY 110-/220/230-	YM	
⚠ S1			S31-2322-05	SLIDE SWITCH	YM	
⚠ D1			D3SBA20F03	DIODE		
⚠ D1			RBV-402LFA	DIODE		
⚠ D2			KBP02ML-6127	DIODE		
⚠ D3-9			S5688B	DIODE		

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NO. 11

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
⚠ D3-9			1SR139-100	DIODE		
⚠ D10,11			HSS104A	DIODE		
⚠ D10,11			1SS131	DIODE		
⚠ D12			HZS5.6N(B2)	ZENER DIODE		
⚠ D12			RD5.6ES(B2)	ZENER DIODE		
D13			HZS5.6N(B2)	ZENER DIODE		
D13			RD5.6ES(B2)	ZENER DIODE		
D14,15			HZS13N(B2)	ZENER DIODE		
D14,15			RD13ES(B2)	ZENER DIODE		
D16			HZS16N(B2)	ZENER DIODE		
D16			RD16ES(B2)	ZENER DIODE		
D17-19			HSS104A	DIODE		
D17-19			1SS131	DIODE		
D21			HSS104A	DIODE	YM	
D21			1SS131	DIODE	YM	
D22			MA111	DIODE		
D23,24			HSS104A	DIODE		
D23,24			1SS131	DIODE		
D25,26			HZS6.2N(B2)	ZENER DIODE		
D25,26			RD6.2ES(B2)	ZENER DIODE		
D28			HSS104A	DIODE		
D28			1SS131	DIODE		
D30,31			MA111	DIODE		
D32,33			HSS104A	DIODE		
D32,33			1SS131	DIODE		
D36-39			HSS104A	DIODE		
D36-39			1SS131	DIODE		
⚠ D41			HZS8.2N(B2)	ZENER DIODE		
⚠ D41			RD8.2ES(B2)	ZENER DIODE		
D43,44			HSS104A	DIODE	YM	
D43,44			1SS131	DIODE	YM	
D45,46			HZS13N(B2)	ZENER DIODE	YM	
D45,46			RD13ES(B2)	ZENER DIODE	YM	
⚠ D50			S5688B	DIODE		
⚠ D50			1SR139-100	DIODE		
⚠ D51			HSS104A	DIODE		
⚠ D51			1SS131	DIODE		
⚠ D60			S5688B	DIODE		
⚠ D60			1SR139-100	DIODE		
D61-64			MA111	DIODE		
⚠ D65			S5688B	DIODE		
⚠ D65			1SR139-100	DIODE		
IC1			NJU7313AM	ANALOGUE IC		
IC2			NJM4565M	IC(OP AMP X2)		
IC3			NJM4565D-D	IC(OP AMP X2)		
IC3			XRA15218-DX	IC(OP AMP X2)		
IC7			NJM4565MD	IC(OP AMP X2)		
IC11			BU4094BCF	MOS-IC		
IC12			TDA7345D	ANALOGUE IC		
⚠ IC14			TA78057S	IC(VOLTAGE REGULATOR/+5.75V)		
IC15			NJM4565M	IC(OP AMP X2)		
Q9,10			2SC4137(V,W)	TRANSISTOR		
⚠ Q11,12			2SD2493	TRANSISTOR		
⚠ Q13,14			2SB1624	TRANSISTOR		

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NO. 12

Ref. No.	Address	New Parts	Parts No.	Description			Destination	Remarks
Q15,16			2SC2458(Y,GR)	TRANSISTOR				
Q15,16			2SC3311A(Q,R)	TRANSISTOR				
Q17,18			2SC4081(R,S)	TRANSISTOR				
Q19			2SC3246	TRANSISTOR			YM	
⚠ Q20			2SD1893	TRANSISTOR				
Q21			2SC4081(R,S)	TRANSISTOR				
Q22			2SC2458(Y,GR)	TRANSISTOR				
Q22			2SC3311A(Q,R)	TRANSISTOR				
⚠ Q26,27			2SB1370	TRANSISTOR				
⚠ Q26,27			2SB1375	TRANSISTOR				
⚠ Q28			2SA954(L,K)	TRANSISTOR				
Q29			2SA1576(R,S)	TRANSISTOR				
Q30			2SC2003(L,K)	TRANSISTOR				
Q32			2SA1576(R,S)	TRANSISTOR				
Q33			2SC2458(Y,GR)	TRANSISTOR				
Q33			2SC3311A(Q,R)	TRANSISTOR				
Q34,35			DTC124EU	DIGITAL TRANSISTOR				
Q34,35			UN5212	TRANSISTOR				
Q43,44			2SC1845(F,E)	TRANSISTOR			YM	
DISPLAY UNIT (X14-)								
D56-60			B30-2462-05	LED(GRN)				
D61-67		∗	B30-2476-05	LED				
C2			C90-3258-05	ELECTRO	10UF	50WV		
C3			CK73FF1C105Z	CHIP C	1.0UF	Z		
C4			CK73FB1H102K	CHIP C	1000PF	K		
C5,6			CC73FSL1H101J	CHIP C	100PF	J		
C7,8			C90-3253-05	ELECTRO	1.0UF	50WV		
C9			C90-3212-05	ELECTRO	47UF	6.3WV		
C10			C90-3253-05	ELECTRO	1.0UF	50WV		
C11			CK73FB1H103K	CHIP C	0.010UF	K		
C12			CC73FCH1H180J	CHIP C	18PF	J		
C13			CC73FCH1H220J	CHIP C	22PF	J		
C16			CE04LW1V470M	ELECTRO	47UF	35WV		
C17			C91-0769-05	CERAMIC	0.010UF	K		
C18			C90-3216-05	ELECTRO	330UF	6.3WV		
C20,21			CK73FB1H103K	CHIP C	0.010UF	K		
C22			CK73FF1C105Z	CHIP C	1.0UF	Z		
C23,24			CC73FSL1H561J	CHIP C	560PF	J		
C25			CK73FF1C105Z	CHIP C	1.0UF	Z		
C26,27			CK73FB1H222K	CHIP C	2200PF	K		
C28			CK73FF1C105Z	CHIP C	1.0UF	Z		
C29,30			CK73FB1E153K	CHIP C	0.015UF	K		
C31			CK73FF1C105Z	CHIP C	1.0UF	Z		
C32,33			CK73FB1E104K	CHIP C	0.10UF	K		
C34			C90-3244-05	ELECTRO	10UF	35WV		
C35			CK73FB1E104K	CHIP C	0.10UF	K		
C36-38			CC73FSL1H470J	CHIP C	47PF	J		
C301,302			CF92FV1H564J	MF-C	0.56UF	J		
C303,304			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C305,306			CC73FSL1H181J	CHIP C	180PF	J		
C307,308			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C309,310			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C311,312			CK73FB1H102K	CHIP C	1000PF	K		

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NO. 13

Ref. No.	Address	New Parts	Parts No.	Description				Destination	Remarks
C313,314			CC73FSL1H470J	CHIP C	47PF	J		XTEG	
C315,316			CK45FB1H222K	CERAMIC	2200PF	K		XTEG	
C317,318			CC45FSL1H101J	CERAMIC	100PF	J		KRP	
C317,318			CC45FSL1H221J	CERAMIC	220PF	J		XTEG	
C317,318			CC45FSL1H470J	CERAMIC	47PF	J		YM	
C319,320			CE04LW1A101M	ELECTRO	100UF	10WV			
C321,322			CK73FB1H102K	CHIP C	1000PF	K		KRP	
C321,322			CK73FB1H152K	CHIP C	1500PF	K		XTEG	
C331,332			CE04LW1C470M	ELECTRO	47UF	16WV			
C333			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV			
C334			CE04LW1H101M	ELECTRO	100UF	50WV			
CN1			E40-4796-05	PIN ASSY					
CN2			E40-4857-05	PIN ASSY					
CN301,302			E40-4810-05	SOCKET FOR PIN ASSY					
X1			L77-2111-05	CRYSTAL RESONATOR(32.768kHz)					
X2			L78-0605-05	RESONATOR (8.38MHz)					
CP1			R90-0803-05	MULTI-COMP	100KX7	J	1/4W		
CP2			R90-0864-05	MULTI-COMP	100KX14				
CP3			R90-0820-05	MULTI-COMP	47K X12				
R3			RK73FB2A202J	CHIP R	2.0K	J	1/10W		
R7			RK73FB2A101J	CHIP R	100	J	1/10W		
R13-15			RK73FB2A101J	CHIP R	100	J	1/10W		
R17,18			RK73FB2A101J	CHIP R	100	J	1/10W		
R28-31			RK73FB2A101J	CHIP R	100	J	1/10W		
R48			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R50			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R51			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R52			RK73FB2A103J	CHIP R	10K	J	1/10W		
R53			RK73FB2A104J	CHIP R	100K	J	1/10W		
R54,55			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R67-72			RK73FB2A104J	CHIP R	100K	J	1/10W		
R74			RK73FB2A104J	CHIP R	100K	J	1/10W		
R75			RK73FB2A473J	CHIP R	47K	J	1/10W		
R76			RK73FB2A101J	CHIP R	100	J	1/10W		
R79			RK73FB2A474J	CHIP R	470K	J	1/10W		
R80			RK73FB2A475K	CHIP R	4.7M	K	1/10W		
R81,82			RK73FB2A101J	CHIP R	100	J	1/10W		
R84			RK73FB2A101J	CHIP R	100	J	1/10W		
R85-87			RK73FB2A103J	CHIP R	10K	J	1/10W		
R91,92			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R93			RK73FB2A302J	CHIP R	3.0K	J	1/10W		
R95,96			RK73FB2A103J	CHIP R	10K	J	1/10W		
R97-103			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R106			RK73FB2A101J	CHIP R	100	J	1/10W		
R121			RK73FB2A223J	CHIP R	22K	J	1/10W		
R125			RK73FB2A223J	CHIP R	22K	J	1/10W		
R127			RK73FB2A223J	CHIP R	22K	J	1/10W		
R129			RK73FB2A223J	CHIP R	22K	J	1/10W		
R131			RK73FB2A223J	CHIP R	22K	J	1/10W		
R133			RK73FB2A223J	CHIP R	22K	J	1/10W		
R134			RK73FB2A103J	CHIP R	10K	J	1/10W		
R135			RK73FB2A223J	CHIP R	22K	J	1/10W		
R136			RK73FB2A103J	CHIP R	10K	J	1/10W		

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NO.14

Ref. No.	Address	New Parts	Parts No.	Description				Destination	Remarks
R137			RK73FB2A223J	CHIP R	22K	J	1/10W		
R138			RK73FB2A103J	CHIP R	10K	J	1/10W		
R139			RK73FB2A223J	CHIP R	22K	J	1/10W		
R141			RK73FB2A223J	CHIP R	22K	J	1/10W		
R143			RK73FB2A223J	CHIP R	22K	J	1/10W		
R145			RK73FB2A223J	CHIP R	22K	J	1/10W		
R147			RK73FB2A223J	CHIP R	22K	J	1/10W		
R148			RK73EB2B103J	CHIP R	10K	J	1/8W		
R149			RK73FB2A223J	CHIP R	22K	J	1/10W		
R150			RK73FB2A103J	CHIP R	10K	J	1/10W		
R152			RK73FB2A223J	CHIP R	22K	J	1/10W	YM	
R154			RK73FB2A364J	CHIP R	360K	J	1/10W		
R155,156			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R157			RK73FB2A364J	CHIP R	360K	J	1/10W		
R158			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R159			RK73FB2A364J	CHIP R	360K	J	1/10W		
R164			RK73FB2A364J	CHIP R	360K	J	1/10W		
R165,166			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R167			RK73FB2A364J	CHIP R	360K	J	1/10W		
R168			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R169,170			RK73FB2A364J	CHIP R	360K	J	1/10W		
R171,172			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R173			RK73FB2A364J	CHIP R	360K	J	1/10W		
R174			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R175,176			RK73FB2A364J	CHIP R	360K	J	1/10W		
R177,178			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R179			RK73FB2A364J	CHIP R	360K	J	1/10W		
R180			RK73FB2A362J	CHIP R	3.6K	J	1/10W		
R181			RK73FB2A364J	CHIP R	360K	J	1/10W		
R194			RK73FB2A104J	CHIP R	100K	J	1/10W		
R301			RK73FB2A101J	CHIP R	100	J	1/10W		
R307,308			RK73FB2A101J	CHIP R	100	J	1/10W		
R309,310			RK73FB2A301J	CHIP R	300	J	1/10W		
R311,312			RK73FB2A471J	CHIP R	470	J	1/10W		
R313,314			RK73FB2A152J	CHIP R	1.5K	J	1/10W		
R315,316			RK73FB2A103J	CHIP R	10K	J	1/10W		
R317,318			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R319			RK73FB2A152J	CHIP R	1.5K	J	1/10W		
R321			RK73FB2A152J	CHIP R	1.5K	J	1/10W		
R325,326			RK73FB2A103J	CHIP R	10K	J	1/10W		
R327,328			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
⚠ R340,341			RD14NB2E470J	RD	47	J	1/4W		
⚠ R347			RD14NB2E101J	RD	100	J	1/4W		
R351,352			RK73FB2A104J	CHIP R	100K	J	1/10W		
W202,203			R92-0670-05	CHIP R	0 OHM				
W205			R92-0670-05	CHIP R	0 OHM				
W207			R92-0679-05	CHIP R	0 OHM				
W209			R92-0670-05	CHIP R	0 OHM				
W210			R92-0679-05	CHIP R	0 OHM				
W215			R92-0670-05	CHIP R	0 OHM				
W216,217			R92-0679-05	CHIP R	0 OHM				
W223			R92-0670-05	CHIP R	0 OHM				
W225			R92-0670-05	CHIP R	0 OHM				
S1-8			S70-0031-05	TACT SWITCH					

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NO.15

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
S10			S70-0031-05	TACT SWITCH		
S12			S70-0031-05	TACT SWITCH		
S14-32			S70-0031-05	TACT SWITCH		
S33			T99-0559-05	ROTARY ENCODER		
D1			HSS104A	DIODE		
D1			1SS131	DIODE		
D3-15			HSS104A	DIODE		
D3-15			1SS131	DIODE		
D16			MA111	DIODE	YM	
D17			HSS104A	DIODE	XTEG	
D17			1SS131	DIODE	XTEG	
D20			HSS104A	DIODE	T	
D20			1SS131	DIODE	T	
D21			HSS104A	DIODE	YMXEG	
D21			1SS131	DIODE	YMXEG	
D22			MA111	DIODE	YM	
D23			HSS104A	DIODE	XEG	
D23			1SS131	DIODE	XEG	
D24-27			MA111	DIODE		
D28-39			HSS104A	DIODE		
D28-39			1SS131	DIODE		
D40-43			MA111	DIODE		
D44			HSS104A	DIODE		
D44			1SS131	DIODE		
D50-55			HSS104A	DIODE		
D50-55			1SS131	DIODE		
D68			HZS5.1N(B2)	ZENER DIODE		
D68			RD5.1ES(B2)	ZENER DIODE		
D72			HSS104A	DIODE		
D72			1SS131	DIODE		
D73,74			MA111	DIODE		
D75-80			HSS104A	DIODE		
D75-80			1SS131	DIODE		
D301			HZS3.9N(B2)	ZENER DIODE		
D301			RD3.9ES(B2)	ZENER DIODE		
ED1		*	BJ344GK	INDICATOR TUBE		
ED1		*	FIP8AMW6R	INDICATOR TUBE		
IC1		*	M38198MC-053FP	MI-COM IC		
IC2		*	NJU3718G	MOS-IC		
IC3		*	PST993D-T	ANALOGUE IC		
IC3			S-806D-Z	ANALOGUE IC		
IC4,5			NJM4565D	IC(OP AMP X2)		
IC301			NJM4565D-D	IC(OP AMP X2)		
Q9			2SA1576	TRANSISTOR	YM	
Q10			2SA1576	TRANSISTOR		
Q12-24			2SA1576	TRANSISTOR		
Q301,302			2SC1845(F,E)	TRANSISTOR		
Q303-306			2SC2878(B)	TRANSISTOR		
Q307-310			2SC1845(F,E)	TRANSISTOR		
Q311,312			2SA992(F,E)	TRANSISTOR		
Q313			2SA1048(Y,GR)	TRANSISTOR		
Q313			2SA1309A(Q,R)	TRANSISTOR		
A1			W02-1174-05	ELECTRIC CIRCUIT MODULE		
A1			W02-1191-05	ELECTRIC CIRCUIT MODULE		

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NO.16

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C1,2			CK45FB1H821K	CERAMIC 820PF K		
C3,4			CE04LW1V100M	ELECTRO 10UF 35WV		
C5,6			CK45FB1H391K	CERAMIC 390PF K		
C7,8			CE04LW1C470M	ELECTRO 47UF 16WV		
C9,10			CQ93FMG1H153J	MYLAR 0.015UF J		
C11,12			CK45FB1H222K	CERAMIC 2200PF K		
C13-18			CC45FSL1H221J	CERAMIC 220PF J		
REC/PLAYBACK UNIT (X28-)						
C19,20			CK45FB1H821K	CERAMIC 820PF K		
C21,22			CE04LW1V100M	ELECTRO 10UF 35WV		
C23,24			CK45FB1H391K	CERAMIC 390PF K		
C25,26			CE04LW1C470M	ELECTRO 47UF 16WV		
C27,28			CQ93FMG1H153J	MYLAR 0.015UF J		
C29,30			CK45FB1H682K	CERAMIC 6800PF K		
C31,32			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C33,34			CQ93FMG1H333J	MYLAR 0.033UF J		
C35,36			CK45FB1H222K	CERAMIC 2200PF K		
C37-40			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C41,42			CQ93FMG1H393J	MYLAR 0.039UF J		
C43,44			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C45,46			CE04LW1V100M	ELECTRO 10UF 35WV		
C47,48			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C49,50			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C51,52			CE04LW1A101M	ELECTRO 100UF 10WV		
C53,54			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C101			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C102			CE04LW1C220M	ELECTRO 22UF 16WV		
C103			CE04LW1C101M	ELECTRO 100UF 16WV		
C104			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C105			CQ93FMG1H103J	MYLAR 0.010UF J		
C106			CK45FB2H471K	CERAMIC 470PF K		
C107			CQ93HP2A103J	MYLAR 0.010UF J		
C109			CE04LW1V100M	ELECTRO 10UF 35WV		
C110			CQ93FMG1H103J	MYLAR 0.010UF J		
C111,112			CQ93FMG1H332J	MYLAR 3300PF J		
C114,115			CK45FF1H103Z	CERAMIC 0.010UF Z		
C116,117			CE04LW1C101M	ELECTRO 100UF 16WV		
C118			CK45FF1H103Z	CERAMIC 0.010UF Z		
C119			CC45FSL1H271J	CERAMIC 270PF J		
C120			CC45FSL1H271J	CERAMIC 270PF J		
CN1			E40-3247-05	PIN ASSY		
CN2			E40-3249-05	PIN ASSY		
CN3,4			E40-4609-05	PIN ASSY		
CN5			E40-0512-05	PIN ASSY		
CN6			E40-4804-05	SOCKET FOR PIN ASSY		
L1-4			L40-1035-20	SMALL FIXED INDUCTOR(10MH,J)		
L5,6			L79-1201-05	LC FILTER		
L9			L32-0572-05	BIAS OSCILATING COIL		
⚠ R120			RD14NB2E100J	RD 10 J 1/4W		
⚠ R165			RD14NB2E100J	RD 10 J 1/4W		
VR1-4			R12-0606-05	TRIMMING POT.(330)		
VR5,6			R12-5651-05	TRIMMING POT.(100K)		
VR52			R12-1619-05	TRIMMING POT.(4.7K)		

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NO. 17

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
K1			S51-2089-05	MAGNETIC RELAY		
K1			S76-0018-05	MAGNETIC RELAY		
D1,2			HSS104	DIODE		
D4-6			HSS104	DIODE		
D4-6			1SS133	DIODE		
D7			HZS2.7N(B)	ZENER DIODE		
D7			RD2.7ES(B2)	ZENER DIODE		
D8			HSS104	DIODE		
D8			1SS133	DIODE		
IC1,2			TA8125S	IC(2CH PRE AMP)		
IC3			HA12182F	ANALOGUE IC		
IC5			BA10393	IC(DUAL COMPARATOR)		
IC6,7			BU4094BC	MOS-IC		
Q1,2			DTC124ES	DIGITAL TRANSISTOR		
Q1,2			UN4212	TRANSISTOR		
Q3,4			2SD1302(S,T)	TRANSISTOR		
Q3,4			2SD1450(S,T)	TRANSISTOR		
Q51			DTC124ES	DIGITAL TRANSISTOR		
Q51			UN4212	TRANSISTOR		
Q52			2SC1740S(Q,R)	TRANSISTOR		
Q52			2SC2458(Y,GR)	TRANSISTOR		
Q52			2SC2785(F,E)	TRANSISTOR		
Q52			2SC3311A(Q,R)	TRANSISTOR		
Q53			DTA124ES	DIGITAL TRANSISTOR		
Q53			UN4112	TRANSISTOR		
Q54,55			2SC1845(F,E)	TRANSISTOR		
Q56,57			2SC1740S(Q,R)	TRANSISTOR		
Q56,57			2SC2458(Y,GR)	TRANSISTOR		
Q56,57			2SC2785(F,E)	TRANSISTOR		
Q56,57			2SC3311A(Q,R)	TRANSISTOR		
Q58			2SC3940A(R,S)	TRANSISTOR		
Q59			2SC1740S(Q,R)	TRANSISTOR		
Q59			2SC2458(Y,GR)	TRANSISTOR		
Q59			2SC2785(F,E)	TRANSISTOR		
Q59			2SC3311A(Q,R)	TRANSISTOR		
Q60			2SA992(F,E)	TRANSISTOR		
Q61			DTC124ES	DIGITAL TRANSISTOR		
Q61			UN4212	TRANSISTOR		
Q63-65			2SC3246	TRANSISTOR		

CD PLAYER UNIT (X32-)

C1			CQ93FMG1H103J	MYLAR	0.010UF	J
C2			CQ93FMG1H472J	MYLAR	4700PF	J
C3			CC45FSL1H470J	CERAMIC	47PF	J
C4			CF92FV1H474J	MF-C	0.47UF	J
C5			CE04LW1A101M	ELECTRO	100UF	10WV
C6			CQ93FMG1H104J	MYLAR	0.10UF	J
C7			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV
C8			CQ93FMG1H104J	MYLAR	0.10UF	J
C9			CQ93FMG1H333J	MYLAR	0.033UF	J
C10			CC45FSL1H101J	CERAMIC	100PF	J
C11			CQ93FMG1H102J	MYLAR	1000PF	J
C12			CC45FSL1H221J	CERAMIC	220PF	J
C13			CQ93FMG1H473J	MYLAR	0.047UF	J

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NO. 18

Ref. No.	Address	New Parts	Parts No.	Description			Destination	Remarks
C14			CE04LW1V100M	ELECTRO	10UF	35WV		
C15			CE04HW1E100M	NP-ELEC	10UF	25WV		
C16-18			CQ93FMG1H103J	MYLAR	0.010UF	J		
C19			CQ93FMG1H333J	MYLAR	0.033UF	J		
C20			CE04LW0J331M	ELECTRO	330UF	6.3WV		
C21			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C22			CE04LW1A101M	ELECTRO	100UF	10WV		
C23			CF92FV1H224J	MF-C	0.22UF	J		
C24,25			CE04LW1A101M	ELECTRO	100UF	10WV		
C26			CC45FSL1H270J	CERAMIC	27PF	J		
C27			CQ93FMG1H222J	MYLAR	2200PF	J		
C28			CQ93FMG1H333J	MYLAR	0.033UF	J		
C29			CQ93FMG1H103J	MYLAR	0.010UF	J		
C30			CQ93FMG1H222J	MYLAR	2200PF	J		
C35,36			CE04HW1H010M	NP-ELEC	1.0UF	50WV		
C37			CE04LW1A470M	ELECTRO	47UF	10WV		
C38			CQ93FMG1H332J	MYLAR	3300PF	J		
C39			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C40			CQ93FMG1H473J	MYLAR	0.047UF	J		
C41			CQ93FMG1H152J	MYLAR	1500PF	J		
C42			CQ93FMG1H103J	MYLAR	0.010UF	J		
C43			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C45			CE04LW0J331M	ELECTRO	330UF	6.3WV		
C46			CE04LW1A470M	ELECTRO	47UF	10WV		
C55			CE04LW0J331M	ELECTRO	330UF	6.3WV		
C56			CE04LW1A331M	ELECTRO	330UF	10WV		
C57,58			CC45FSL1H221J	CERAMIC	220PF	J		
C59-62			CQ93FMG1H391K	MYLAR	390PF	K		
C63,64			CQ93FMG1H222J	MYLAR	2200PF	J		
C65,66			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C67			CE04LW1A101M	ELECTRO	100UF	10WV		
C68,69			CE04LW1A471M	ELECTRO	470UF	10WV		
C70			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C71			CE04LW1A470M	ELECTRO	47UF	10WV		
C72			CE04LW1C470M	ELECTRO	47UF	16WV		
C73			CK45FF1H223Z	CERAMIC	0.022UF	Z		
C74,75			CE04LW1V100M	ELECTRO	10UF	35WV		
C76			CC45FSL1H331J	CERAMIC	330PF	J		
C77			CC45FSL1H271J	CERAMIC	270PF	J		
C79-82			CK45FF1H223Z	CERAMIC	0.022UF	Z		
CN1	1I		E40-4856-05	FLAT CABLE CONNECTOR				
CN2			E40-0711-05	PIN ASSY				
CN3			E40-4377-05	PIN ASSY				
CN4			E40-4763-05	PIN ASSY				
CN5			E40-3247-05	PIN ASSY				
CN6			E40-4762-05	PIN ASSY				
CN7	1J		E40-4173-05	FLAT CABLE CONNECTOR				
			J11-0098-05	WIRE CLAMP				
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				
X1			L78-0299-05	RESONATOR (16.93M)				
VR1			R12-3688-05	TRIMMING POT.(47K)				
VR3			R12-3685-05	TRIMMING POT.(10K)				

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NO. 19

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
VR4			R12-3687-05	TRIMMING POT.(33K)		
D1-6			HSS104	DIODE		
D1-6			1SS133	DIODE		
D7			HZS3.3N(B2)	ZENER DIODE		
D7			MTZJ3.3(B)	ZENER DIODE		
D7			RD3.3ES(B2)	ZENER DIODE		
D10,11			HSS104	DIODE		
D10,11			1SS133	DIODE		
IC1			CXA1782BQ	MOS-IC		
IC2		*	CXD2508AQ	MOS-IC		
IC3			BA6398FP	ANALOGUE IC		
IC4,5			TA8409S	IC(MOTOR CONTROL)		
IC6		*	BU4094BC	MOS-IC		
IC7			NJM2100D	ANALOGUE IC		
IC8			M5237L	ANALOGUE IC		
Q1			2SC1740S(Q,R)	TRANSISTOR		
Q1			2SC2458(Y,GR)	TRANSISTOR		
Q1			2SC2785(F,E)	TRANSISTOR		
Q1			2SC3311A(Q,R)	TRANSISTOR		
Q2			2SA954(L,K)	TRANSISTOR		
Q3			DTA124ES	DIGITAL TRANSISTOR		
Q3			UN4112	TRANSISTOR		
Q4			2SA954(L,K)	TRANSISTOR		
Q5			2SC1740S(Q,R)	TRANSISTOR		
Q5			2SC2458(Y,GR)	TRANSISTOR		
Q5			2SC2785(F,E)	TRANSISTOR		
Q5			2SC3311A(Q,R)	TRANSISTOR		
⚠ Q6			2SA1534A(R,S)	TRANSISTOR		
Q7			DTC124ES	DIGITAL TRANSISTOR		
Q7			UN4212	TRANSISTOR		
⚠ Q8			2SB1375	TRANSISTOR		
⚠ Q8			2SB1565(E,F)	TRANSISTOR		
Q9,10			2SA1048(Y,GR)	TRANSISTOR		
Q9,10			2SA1175(F,E)	TRANSISTOR		
Q9,10			2SA1309A(Q,R)	TRANSISTOR		
Q9,10			2SA933S(Q,R)	TRANSISTOR		
Q11,12			2SC2878(B)	TRANSISTOR		
CD PLAYER MECHANISM						
101	3B		A10-3119-08	CHASSIS (MAIN)		
102	3A		A15-0089-08	FRAME (MD-B)		
105	2A	*	D10-3533-08	SLIDER (LIFT)		
107	2B	*	D10-3459-08	LEVER (LOCK)		
108	2A		D10-3460-08	LEVER (BRAKE)		
109	2B		D10-3496-08	FRICTION ARM ASSY		
110	2A	*	D10-3606-08	FEED SHAFT		
113	1A		D13-1599-08	GEAR (IDLER)		
114	2B		D13-1600-08	GEAR (LOAD)		
115	2B		D13-1601-08	GEAR (CENTER)		
117	3A		D13-1603-08	CAM GEAR(UP/DOWN)		
118	1A		D13-1604-08	GEAR (HELICAL)		
119	2A	*	D13-1720-08	GEAR		
120	2B,3B		D14-0361-08	ROLLER (TRAY)		
122	2B		D15-0366-08	PULLEY (LOAD)		

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NO. 20

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
123	2B		D16-0363-08	DRIVE BELT		
125	2B		D21-1762-08	SHAFT (PULLEY)		
132	1B,2B		E35-0811-08	3P WIRE		
133	1B,3B	*	E35-1184-08	6P WIRE		
134	1B,2A	*	E35-1185-08	6P FLAT WIRE		
135	1B,3A	*	E35-1186-08	6P WIRE (TU-D)		
136	1B,3A	*	E35-1187-08	16P FFC		
137	3A		E40-3264-05	CONNECTOR		
140	1A		F07-0732-08	COVER (TRAY)		
141	2B		F07-0736-08	COVER		
145	3A	*	G01-3806-08	SPRING (MD-G)		
146	3A	*	G01-3807-08	SPRING (MD-H)		
148	3A		G01-3663-08	SPRING (CAM)		
149	2B		G01-3664-08	SPRING (LOCK)		
150	2A		G01-3665-08	SPRING (BRAKE)		
151	2A	*	G01-3768-08	SPRING (LEFT)		
152	1A,1B		G16-0821-04	SHEET (TRAY)		
153	3B	*	G16-0856-08	FILAMENT TAPE		
155	2A	*	J02-1133-08	INSULATOR		
156	2B		J11-0301-08	CLAMP		
157	1B	*	J19-3758-08	BRACKET (CLAMP)		
158	2B		J19-3660-08	BRACKET (GEAR)		
159	2B,3B		J19-3661-08	BRACKET (TRAY)		
160	3B		J61-0081-05	SK BINDER SKB-100		
161	1A		J99-0541-08	TRAY (SLIDE)		
162	1A		J99-0542-08	TRAY (ROTARY)		
L			N09-2658-08	SCREW		
M			N09-3053-08	SCREW		
N			N09-3107-08	SCREW		
P		*	N09-3140-08	SCREW		
Q		*	N09-3141-08	SCREW		
165	2B		S33-2061-05	LEVER SWITCH		
166	1A,2A		S64-0015-08	LEVER SWITCH JPS1220-0201		
167	3A		S74-0038-08	LEAF SWITCH		
170	1B		T50-1055-04	YOKE		
171	1B		T99-0544-05	MAGNET		
DM	3A	*	A11-1082-08	TT CHASSIS ASSY		
FM	3A		T42-0817-08	MOTOR GEAR (FEED)		
LM	3B		T42-0682-08	MOTOR PULLEY ASSY		
PU	3A		T25-0041-05	PICKUP (KSS-213B/S-N)		
RTM	2B		T42-0683-08	MOTOR WORM ASSY		
CASSETTE DECK MECHANISM						
401	2C,3E		A10-3174-08	HEAD CHASSIS		
403	2D,3E	*	A10-3241-08	CHSSIS OUTSART ASSY (ONE WAY)		
405	1E	*	D01-0187-08	FLYWHEEL (RW-A) ASSY		
406	2F	*	D01-0188-08	FLYWHEEL (RW-B) ASSY		
407	1C		D10-3468-08	INTER LOCK ARM (L)(A DECK)		
408	3F		D10-3469-08	INTER LOCK ARM (R)(B DECK)		
409	2D,3E		D10-3470-08	TRIGGER ARM		

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NO. 21

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
412	1C		D10-3476-08	EJECT LEVER (L) (A DECK)		
413	3E		D10-3477-08	EJECT LEVER (R) (B DECK)		
414	2C,3D		D10-3478-08	SELET LEVER		
415	1D,2E		D10-3479-08	SHIFT LEVER		
416	2C,3D		D10-3480-08	C/R LEVER		
421	1C,2D		D13-1616-08	REW GEAR		
422	2C,2D		D13-1617-08	REEL GEAR		
423	1D,2F		D13-1618-08	IDLER GEAR		
425	1D,2E		D13-1622-08	CAM GEAR		
426	2D,2E		D14-0367-08	PINCH ARM (R) ASSY		
428	1D,2F		D15-0369-08	IDLER PULLEY		
429	2F	*	D16-0393-08	DRIVE BELT (BW)		
430	1E	*	D16-0394-08	DRIVE BELT (AW)		
432	1E,2F	*	D16-0391-08	CLUTCH BELT		
433	2C,3D		D19-0270-18	REEL CAP (A)		
434	1C,1E		D19-0287-18	CLUTCH ARM ASSY		
439	1E,1F		E35-0396-08	15P FLAT RIBBON WIRE		
440	3C	*	E35-1242-08	3P HEAD WIRE ASSY (A DECK)		
441	3D	*	E35-1243-08	5P HEAD WIRE ASSY (B DECK)		
442	1F		E35-0986-08	MOTOR WIRE		
444	3C		G01-2435-08	HEAD SPRING		
445	2C,3D		G01-3709-08	B.T SPRING		
446	1C,2D		G01-3710-08	SHIFT LEVER SP		
447	2D,3E		G01-3711-08	TRIGGER ARM SP		
449	1C,3F		G01-3713-08	EJECT SP		
450	2C,3D		G01-3714-08	C/R LEVER SP		
451	2C,3D		G01-3715-08	SELECT SP		
452	2C,3D		G01-3716-08	SHIFT SP		
453	1C		G01-3717-08	INTER LOCK SP (L)		
456	3F		G01-3723-08	INTER LOCK SP (R)		
457	2C,3D		G01-3739-08	HEAD CHSSIS SP		
458	2D,3E		G01-3721-08	BRAKE SP (R)		
459	1C,2E		G01-3722-08	BRAKE SP (L)		
460	1D,2E		G01-3724-08	CLUTCH ARM SPRING (B)		
461	1D,2E		G01-3725-08	CLUTCH SP		
462	1C,2D		G02-0913-08	PACK SPRING		
464	2C,3D	*	G02-1071-08	LIFT BKT		
466	1D,2F		G11-2205-08	TUBE		
467	2D,3E		G16-0791-08	REFLECT SEAL		
470	1E,2F		J19-3652-08	CABLE HOLDER		
471	3C	*	J19-5610-08	HEAD BASE (1WAY)		
473	2D	*	J21-6308-08	MECHA BKT		
474	2C,3D		J42-0183-08	REEL BUSH		
475	2D,3E		J69-0086-08	FILAMENT TAPE		
477	2C,3D	*	J90-0832-08	SHIFT SPRING GUIDE		
AA			N19-1316-08	POLY WASHER		
AB			N19-1354-08	NYLON WASHER		
AC			N19-1288-08	POLY WASHER		
AE			N19-1385-08	POLY WASHER		
AF			N19-1386-08	POLY WASHER		
AG			N19-1387-08	TEFLON WASHER		
AH			N19-1388-08	POLY WASHER		
AK		*	N09-2655-08	SCREW (PL)		

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NO.22

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
S			N09-1497-08	TAP TITE SCREW		
T			N09-2871-08	TAPPING SCREW		
V		*	N09-3135-08	BIND TAP TITE SCREW		
W		*	N09-3195-08	TAP TITE SCREW		
X		*	N09-3196-08	BINDING SCREW		
480	1E,2F		S74-0033-08	REC SWITCH		
481	1E,2F		S74-0042-08	PLAY SWITCH		
482	3C	*	T32-0308-08	TAPE GUIDE		
484	1E,2F		T94-0233-08	SOLENOID ASSY		
485	1E,2F		T95-0125-08	PHOTO INTERRUPTER		
EH	3C	*	T32-0327-08	ERASE HEAD LE15B-C1		
MM	2F	*	T42-0813-08	MOTOR ASSY		
PH,RPH	3C	*	T34-0347-08	R/P HEAD MS15R-AA2N1		

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RXD-F2/L

SPECIFICATIONS

Main unit(RXD-F2) For U.S.A. and canada

Amplifier section

Rated power output

30 watts per channel minimum RMS, both channels driven, at 6Ω from 80Hz to 15kHz with no more than 0.5% total harmonic distortion.(FTC)

Main unit(RXD-F2/L) For U.K. and Europe

Amplifier section

Rated power output

34 watts per channel minimum RMS, both channels driven, at 6Ω, 1kHz with no more than 5 % total harmonic distortion.

(DIN) 1 kHz at 6Ω, 0.7 % T.H.D. ..... 25W+25W

Input sensitivity / Impedance

AUX ..... 200mV / 47kΩ

MIC ..... 2.4mV / 2.2kΩ

Signal to noise ratio

AUX ..... 86dB(IHF'66)

FM Tuner section

Tuning frequency range ..... 87.5MHz~108MHz

Sensitivity (IHF) ..... 13.2dBf(1.2μV at 75Ω)

AM Tuner section (For U.S.A. and canada)

Tuning frequency range ..... 530 kHz~1,700 kHz

Usable sensitivity ..... 12μV / (500μV / m)

MW Tuner section (For U.K. and Europe)

Tuning frequency range ..... 531kHz ~ 1,602kHz

Usable sensitivity 22μV

LW Tuner section

Tuning frequency range ..... 153kHz ~ 279kHz

Usable sensitivity 22μV

Cassette deck section (For U.K. and Europe)

Track ..... 4-track, 2-channel stereo

Recording system ..... AC bias system (Frequency: 105 kHz)

Heads

A deck — Playback head 1

B deck — Playback / recording head 1

Erasing head 1

Motors 1

Fast winding time ..... Approx. 120 seconds (C-60 tape)

CD player section

Laser ..... Semiconductor laser

Playing rotation ..... 200rpm~500rpm(CLV)

Wow & Flutter ..... Unmeasurable Limit

General

Power consumption 100W

Dimensions ..... W: 270mm(10-5/8")
H : 305mm(12")
D : 341mm(13-7/16")

Weight (net) ..... 8kg(17.6lb)

Note:

Component and circuity are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams. and information on regional component variations through use of parts list.

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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